

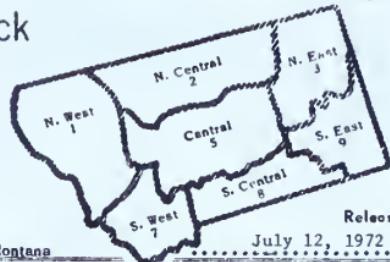
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Montana Crop and Livestock Reporting Service

UNITED STATES DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
and
MONTANA DEPARTMENT OF AGRICULTURE
Agricultural Statistics



Released July 12, 1972

MONTANA BARLEY VARIETIES - 1972

FEED GRAIN BARLEY VARIETIES: Unitan remained in the number one position among 1972 feed grain barley varieties according to the Montana Crop and Livestock Reporting Service. Montana farmers seeded 303,800 acres to the Unitan variety--18.5 percent of the total acreage. This is an increase of 52,300 acres from last year's 251,500 acres. This is also the largest percentage planted to Unitan, the previous being 15.0 percent in 1967. Unitan is an early maturing variety and is smut-resistant.

Compana remained the second most popular feed grain variety. It rose from 11.5 percent in 1971 to 12.2 percent this year. A total of 199,200 acres was planted to Compana, which is a two-row variety noted for its ability to yield well on dryland farms.

Dekap moved to third position replacing Hypana. Its acreage, however, decreased from 78,600 acres last year to 64,300 acres this year. Hypana was nearly the same at 63,800 acres. Proportionally, it decreased from 6.9 to 3.9 percent of the total barley acreage.

Palliser and Ingrid were other feed barleys with significant acreages. Palliser was seeded on 53,000 acres, down 14,600 acres from last year. Ingrid has increased in percentage for the third consecutive year to 2.7 percent in 1972. This variety, originating in Sweden, accounts for 44,100 acres.

MALTING TYPE BARLEY VARIETIES: Piroline remained the number one malting barley among Montana farmers for the third consecutive year. It also leads all barley varieties for total seeded acres. It did, however, drop 63,000 acres from last year to 500,900 acres in 1972. Piroline, developed in Germany, is of the two-row variety, medium to tall in height with a relatively strong straw.

Betzes is the second most popular malting barley variety in Montana at 11.0 percent of the total acreage. Its acreage dropped from 306,000 to 180,200 acres.

Shabet increased in percentage from .2 percent last year to 4.6 percent this year. A total of 75,300 acres were planted in 1972. Shabet is adapted to irrigated acres and dryland acres with favorable precipitation. It also has superior shatter resistance.

Larker and Dickson are the other two acceptable malting varieties. Larker, at 35,300 acres compares with 22,100 acres last year. Dickson was seeded on 18,700 acres, compared to 14,700 last year.

Malting type barleys accounted for an estimated 810,400 acres or 49.4 percent of all barley seeded this year. Last year 906,700 acres or 52.1 percent of the total seeded acreage was malting type barley varieties.

The information for this report is based on results of an annual statewide survey of Montana growers who report acreages of barley varieties seeded on their farms or ranches.

Daniel L. Herbert,
Agr. Statistician-in-Charge

Loren D. Nordhausen
Agr. Statistician

7/72

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1965 - 1972 AND SEEDED ACREAGE 1971 AND 1972

Percent of Total Seeded Acreage

SEEDED ACRES

VARIETY	1965	1966	1967	1968	1969	1970	1971	1972	1971 1/ Acreage	1972 2/ Acreage
	Pct.									
Piroline	*	*	*	.2	4.3	19.7	32.4	30.6	563,900	500,900
Unitan	12.2	14.1	15.0	12.1	10.0	11.5	14.5	18.5	251,500	303,800
Compana	42.5	39.0	28.5	16.0	11.5	15.7	11.5	12.2	200,600	199,200
Betzes	20.4	19.4	15.2	13.1	16.3	16.4	17.6	11.0	306,000	180,200
Shabat	---	---	---	---	---	---	---	.2	4.6	3,700
Dekap	3.5	6.6	11.0	4.4	3.8	5.1	4.5	3.9	78,600	64,300
Hypana	*	*	12.8	40.7	41.2	17.7	6.9	3.9	119,700	63,800
Palliser	9.0	5.5	5.4	3.0	3.7	3.6	3.9	3.2	67,600	53,000
Ingrid	1.4	1.9	1.8	2.3	1.8	1.6	2.4	2.7	41,500	44,100
Larker	1.7	6.8	4.8	2.3	2.4	2.5	1.3	2.2	22,100	35,300
Dickson	*	*	.9	.8	.6	.8	.8	1.1	14,700	18,700
Freja	.6	.4	.3	.6	.5	.6	.5	.8	8,800	12,900
Vantsge	2.0	1.8	1.0	1.1	.8	1.0	.5	.6	8,800	10,200
Horsford	*	*	.3	.2	.2	.3	.3	.6	5,000	9,400
Keystone	*	*	*	*	*	.3	*	.5	300	8,700
Erbet	---	---	---	---	---	---	*	.3	---	5,300
Vanguard	---	---	---	---	---	---	---	.3	---	4,700
Herta	1.0	.8	.9	.4	.4	.4	.4	.3	6,500	4,200
Horn	.5	.2	*	.5	.6	.4	.2	.2	3,200	4,000
Paragon	---	---	---	---	---	---	.5	.2	7,900	3,100
Primus #2	---	---	---	---	---	---	---	.2	---	2,900
Titan	1.3	.8	*	*	.1	*	.1	.1	1,500	2,300
Yukon	---	---	*	.2	.4	.3	.1	.1	2,600	2,200
Moravian	---	---	---	---	---	---	*	.1	---	1,700
Californie	---	---	---	---	---	---	*	*	---	700
Primus	---	---	---	---	---	.2	.2	*	4,200	200
Belford	*	*	*	*	*	.1	---	*	---	100
Otchar	3.9	2.7	2.1	2.1	1.4	1.8	1.2	1.8	21,300 3/	28,800 4/
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1740,000	1,640,000

* Less than 0.1 percent of total seeded acreage.

1/ Revised

2/ Preliminary

3/ Includes California, Conquest, Trebi, plus 17,100 acres of unknown varieties representing 1.0 percent of the State's seeded acres.

4/ Includes other and unknown varieties representing 1.8 percent of the State's seeded acres.

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MONTANA BARLEY VARIETIES: SEEDED ACREAGES AND PERCENT OF TOTAL BY DISTRICTS - 1971 REVISED 1/

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	2.4	4.6	439.4	47.3	39.6	16.5	68.9	26.0	---	---	13.6	9.4	---	---	563.9	32.4
Betzes	1.3	2.5	271.3	29.2	11.5	4.8	1.8	.7	15.6	27.8	4.5	3.1	---	---	306.0	17.6
Nitran	5.2	9.9	47.4	5.1	63.8	26.6	33.1	12.5	22.5	40.2	51.2	35.3	28.3	54.4	251.5	14.5
Companz	1.6	3.0	34.4	3.7	25.9	10.8	96.7	36.5	10.9	19.5	24.1	16.6	7.0	13.4	200.6	11.5
Hypana	.6	1.1	49.2	5.3	11.0	4.6	22.3	8.4	2.8	5.0	30.3	20.9	3.5	6.8	119.7	6.9
Dekap	---	---	53.9	5.8	8.0	3.3	16.7	6.3	---	---	---	---	---	---	78.6	4.5
Pellisier	.3	.5	25.1	2.7	20.2	8.6	17.8	6.7	.4	.8	3.8	2.6	---	---	67.6	3.9
Ingrid	27.6	52.0	--	--	---	---	.3	.1	1.9	3.4	11.7	8.1	---	---	41.5	2.4
Larkar	---	---	---	---	19.7	8.2	---	---	5	.9	.1	.1	1.8	3.5	22.1	1.3
Dickson	---	---	---	---	11.3	4.7	---	---	---	---	.1	.1	3.3	6.4	14.7	.6
Freja	8.8	16.6	---	---	---	---	---	---	---	---	---	---	---	---	8.8	.5
Vantage	3.0	5.7	1.8	.2	2.4	1.0	---	---	---	---	1.4	1.0	.2	.4	8.8	.5
Paragon	---	---	---	---	5.2	2.6	---	---	---	---	---	---	1.7	3.2	7.9	.5
Herta	---	---	---	---	6.5	2.7	---	---	---	---	---	---	---	---	6.5	.4
Horsford	---	---	.9	.1	.7	.3	1.6	.6	.7	1.2	.9	.6	.2	.4	5.0	.3
Shabet	---	3.7	.4	---	---	---	---	---	---	---	---	---	---	---	3.7	.2
Primus	---	---	---	---	---	---	---	---	---	---	---	---	4.2	8.0	4.2	.2
Boru	---	---	1.5	.2	1.7	.7	---	---	---	---	---	---	---	---	3.2	.2
Tukon	---	---	---	---	2.6	1.1	---	---	---	---	---	---	---	---	2.6	.1
Trabi	1.4	2.7	---	---	---	---	---	---	---	---	.2	.1	---	---	1.6	.1
Titan	---	---	---	---	---	---	---	---	---	---	1.5	1.0	---	---	1.5	.1
Keystone	---	---	---	---	.2	.1	---	---	---	---	.1	.1	---	---	.3	*
Other	.8	1.4	.4	*	8.7	3.6	5.8	2.2	.7	1.2	1.5	1.0	1.8	3.5	19.7	1.1
TOTAL	53.0	100.0	929.0	100.0	240.0	100.0	265.0	100.0	56.0	100.0	145.0	100.0	52.0	100.0	1740.0	100.0

* Less than 0.1 percent of total seeded acreage.

1/ These 1971 barley variety percentages are only fractionally changed from the preliminary data published in July 1971.

Acreage data are revised to agree with the current State estimate of 1,740,000 acres of barley seeded for the 1971 crop.

7/72

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1972 PRELIMINARY

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	1.7	3.1	385.4	50.1	43.8	13.6	48.6	18.6	1.0	1.7	15.0	12.5	5.4	10.0	500.9	30.6
Unitan	6.8	12.4	41.1	5.4	133.1	41.2	45.6	17.5	16.9	29.1	38.3	31.9	22.0	40.8	303.8	18.5
Compana	5.7	10.4	37.5	4.9	30.9	9.6	100.9	38.6	7.4	12.8	12.0	10.0	4.8	8.9	199.2	12.2
Betzes	2.2	4.0	145.1	18.9	5.7	1.8	.6	.2	20.4	35.2	5.8	4.8	.4	.7	180.2	11.0
Shabet	---	---	76.7	9.7	---	---	.6	.2	---	---	---	---	---	---	75.3	.6
Dekap	---	---	38.9	5.1	17.0	5.3	6.7	2.6	---	---	---	---	1.7	3.1	64.3	3.9
Fypana	.4	.7	18.4	2.4	10.0	3.1	21.6	8.3	3.4	5.9	6.4	5.3	3.6	6.7	63.8	3.9
Falliser	---	---	8.8	1.1	15.9	4.9	25.8	9.9	---	---	2.5	2.1	---	---	53.0	3.2
Ingrid	19.5	35.4	---	---	---	---	---	---	1.6	2.7	23.0	19.2	---	---	44.1	2.7
Lerker	---	---	---	---	32.4	10.0	---	---	.8	1.4	---	---	2.1	3.9	35.3	2.2
Dickson	---	---	1.1	.1	17.3	5.3	---	---	---	---	---	---	.3	.6	18.7	1.1
Freja	12.9	23.4	---	---	---	---	---	---	---	---	---	---	---	---	12.9	.8
Vantage	4.6	8.4	1.1	.1	1.5	.5	---	---	---	---	1.1	.9	1.9	3.5	10.2	.6
Horsford	---	---	1.0	.1	---	---	1.0	.4	.4	.7	7.0	5.8	---	---	9.4	.6
Keystone	---	---	---	---	---	---	---	---	---	---	3.9	3.3	4.8	8.9	8.7	.5
Erbet	---	---	---	---	---	---	4.7	1.8	---	---	.6	.5	---	---	5.3	.3
Vanguard	---	---	4.3	.6	---	---	.4	.2	---	---	---	---	---	---	4.7	.3
Herta	---	---	---	---	4.2	1.3	---	---	---	---	---	---	---	---	4.2	.3
Horn	---	---	1.3	.2	2.7	.8	---	---	---	---	---	---	---	---	4.0	.2
Paragon	---	---	---	---	1.3	.4	---	---	---	---	---	---	1.8	3.3	3.1	.2
Primus #2	---	---	---	---	.5	.2	---	---	---	---	---	---	2.4	4.4	2.9	.2
Titan	---	---	---	---	---	---	---	---	---	2.3	1.9	---	---	---	2.3	.1
Yukon	---	---	---	---	.7	.2	---	---	1.5	2.6	---	---	---	---	2.2	.1
Moravian	---	---	1.1	.1	---	---	---	---	---	---	.6	.5	---	---	1.7	.1
California	.7	1.3	---	---	---	---	---	---	---	---	---	---	---	---	.7	*
Primus	---	---	---	---	---	---	---	---	---	---	---	---	.2	.4	.2	*
Belford	---	---	---	---	---	---	---	---	.1	.2	---	---	---	---	.1	*
Other	.5	.9	9.2	1.2	6.0	1.8	4.5	1.7	4.5	7.7	1.5	1.3	2.6	4.8	28.8	1.8
TOTAL	55.0	100.0	769.0	100.0	323.0	100.0	261.0	100.0	58.0	100.0	120.0	100.0	54.0	100.0	1640.0	100.0

* Less than 0.1 percent of total seeded acreage.

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEADED ACREAGE 1971 - 1978 AND SEADED ACREAGE 1977 - 1978

VARIETIES	PERCENT OF TOTAL SEADED ACREAGE								SEADED ACRES	
	1971	1972	1973	1974	1975	1976	1977	1978	1977	1978
	Percent								Acreage	
Horizon	32.4	32.0	34.1	35.8	25.2	24.8	37.8	31.5	623,900	485,200
Horizon	-	--	-	.2	9.1	11.2	14.3	15.6	255,300	241,300
Horizon	-	--	--	.2	.6	2.5	6.1	12.1	100,900	192,900
Buritan	14.5	17.8	19.0	16.5	10.0	8.9	7.9	6.2	130,800	95,500
Compania	11.5	11.8	9.5	8.0	13.3	5.5	3.0	6.0	49,700	92,500
Stephoe	--	--	.6	6.8	11.0	9.0	4.7	5.0	76,900	77,400
Shubet	.2	4.9	8.6	8.4	8.4	17.0	5.0	4.4	82,700	68,400
Hypana	6.9	3.8	3.6	2.9	1.5	1.5	2.6	3.1	42,900	47,900
Betzies	17.6	11.5	7.7	6.0	4.5	5.1	2.8	2.8	46,800	43,100
Larker	1.3	2.1	1.7	.8	1.3	.9	3.7	2.5	60,400	39,400
Ingrid	2.4	2.1	2.3	2.1	2.5	2.4	2.5	1.9	41,800	29,000
Holiford	.3	.5	.4	.9	.9	1.0	.5	1.4	8,900	21,300
Summit	--	--	--	--	--	--	--	1.0	--	15,600
Carl	--	--	--	--	--	.6	.9	1.0	14,700	15,300
Vanguard	--	.3	1.2	2.7	2.1	.9	.5	.9	7,700	14,400
Palliser	3.9	3.1	3.7	2.4	2.0	1.6	.7	.5	11,300	7,500
Lirbeck III	--	--	.4	.2	1.0	1.5	1.3	.4	22,000	6,600
Moravian III	--	--	--	--	--	--	--	.3	5,700	4,000
Freja	--	--	--	--	--	--	--	.2	--	3,700
Vireo	--	--	--	--	--	--	--	.2	--	3,400
Other	9.0	10.1	7.2	6.1	6.6	5.6	5.3	2.9	87,600	45,600
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,650,000	1,550,000

1/ Preliminary

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS--1977 REVISED

	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		STATE	
	Acres (000)	Pct.														
Piroline	.5	.8	447.4	62.3	43.8	13.1	111.1	39.0	9.4	13.2	9.7	12.6	2.0	2.1	623.9	37.8
Hector	1.2	1.7	66.1	9.2	73.0	21.8	76.1	26.7	--	6.8	8.9	12.1	12.9	235.3	14.3	
Unitan	6.7	9.6	6.5	.9	55.9	16.7	4.5	1.6	22.6	31.6	15.8	20.6	18.8	20.1	130.8	7.9
Klages	7.2	10.1	49.6	6.9	--	--	36.7	12.9	4.4	6.2	3.0	3.9	--	--	100.9	6.1
Shabot	--	--	71.8	10.0	2.3	.7	4.3	1.5	2.3	3.2	2.0	2.5	--	--	82.7	5.0
Steptoe	3.1	4.4	2.2	.3	16.0	4.8	15.1	5.3	20.7	29.0	10.0	13.0	9.8	10.5	76.9	4.7
Larker	3.4	4.8	.8	.1	54.1	16.2	--	--	--	--	--	--	2.1	2.2	60.4	3.7
Compania	.4	.7	8.6	1.2	10.7	3.2	10.8	3.8	3.2	4.5	2.7	3.6	13.3	14.2	49.7	3.0
Betzes	.9	1.2	23.7	3.3	12.3	3.7	.5	.2	5.2	7.2	4.2	5.4	--	--	46.8	2.8
Hypana	.6	.8	3.6	.5	20.3	6.1	8.3	2.9	--	--	2.2	2.9	7.9	8.5	42.9	2.6
Ingrid	36.3	51.6	--	.5	--	--	--	--	.6	.7	4.9	6.4	--	--	41.8	2.5
Dickson	--	--	--	--	16.4	4.9	--	--	--	--	--	--	7.6	24.0	1.5	
Firibecks III	--	--	17.9	2.5	--	--	--	--	--	--	4.1	5.3	--	--	22.0	1.3
Karl	2.1	2.9	2.9	.4	--	--	6.6	2.3	2.6	3.7	.5	.7	--	--	14.7	.9
Palliser	--	--	5.0	.7	.3	.1	4.3	1.5	--	--	1.7	2.1	--	--	11.3	.7
Horsford	.4	.7	1.4	.2	1.6	.5	4.3	1.5	.6	.7	.6	.7	--	--	8.9	.5
Vanguard	--	--	--	--	5.7	1.7	--	--	--	--	--	--	2.0	2.1	7.7	.5
Moravian III	--	--	3.0	.4	--	--	--	--	--	2.7	3.6	--	--	--	5.7	.4
Conquest	--	--	--	--	6.4	1.9	--	--	--	--	--	--	--	--	6.4	.1
Horn	--	--	--	--	6.4	1.9	--	--	--	--	--	--	--	--	6.4	.4
Other	7.6	10.7	7.8	1.1	9.1	2.7	2.3	.8	--	--	6.1	7.8	17.9	19.3	50.8	3.0
TOTAL	70.4	100.0	718.3	100.0	334.3	100.0	284.9	100.0	71.6	100.0	77.0	100.0	93.5	100.0	1,650.0	100.0

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MONTANA BARLEY VARIETIES

1973

STATE DOCUMENTS



JUL 25 1973

MONTANA CROP AND LIVESTOCK REPORTING SERVICE
P. O. Box 1726 - Helena, Montana 59601

Released: July 13, 1973

FEED GRAIN BARLEY VARIETIES: Unitan maintained its number one position among 1973 feed grain barley varieties according to the Montana Crop and Livestock Reporting Service. Montana farmers seeded 398,900 acres with the Unitan variety. This is 19 percent of the total barley acreage and an increase of 75,300 acres over 1972. Unitan is a smut-resistant, early maturing type of barley.

Compana remained the second most popular feed grain variety making up 9.5 percent of total barley acres. Compana acres for 1973 total 199,600--a decline of 7 percent from 1972. Compana is a two-row variety noted for its ability to yield well on dryland farms.

Palliser acreage increased 36 percent over last year to move ahead of Hypana and Dekap. Of the 77,100 acres, 89 percent was seeded in central and northeastern Montana. Comprising 3.7 percent of total barley acres, Palliser grows taller than Compana and Betzes, but is generally lower yielding on dryland and lower in test weight.

Hypana held its fourth place ranking with 7 percent more acres than in 1972. As a percent of total barley acreage, it declined from 3.8 percent in 1972 to 3.6 percent currently.

Dekap declined for the third year in a row to 54,000 acres.

Ingrid, a variety of Swedish origin, increased from 38,800 acres in 1972 to 47,500 acres in 1973. Ingrid is a high yielding, late maturing barley recommended only in irrigated regions.

MALTING TYPE BARLEY VARIETIES: Piroline maintained its number one rank in total barley acres seeded in Montana. It also remained the leading malting barley in the State for the fourth consecutive year. Acreage increased 134,500 acres--from 581,500 in 1972 to 716,000 acres in 1973. Piroline, a two-row variety developed in Germany, grows medium to tall in height on relatively strong straw.

Shabet has replaced Betzes as the number two variety of malting barley at 180,400 acres or 8.6 percent of total barley acreage seeded. Last year 89,900 acres were seeded or 4.9 percent of the barley acreage.

Betzes declined in importance from 11.5 percent in 1972 (208,400 acres) to 7.7 percent (162,700 acres) in 1973.

Larker and Vanguard rank next as acceptable malting varieties. Larker acreage at 34,900 acres, declined from 38,200 in 1972. Vanguard variety was seeded on 24,400 acres compared with 6,100 acres last year.

Firlbecks III, a new variety in Montana, has been planted on 8,700 acres. No acreage of this variety was reported in last year's survey.

Malting type barley varieties accounted for an estimated 54.1 percent of all barley seeded this year. In 1972, 52.0 percent of the 1,820,000 barley acres were of malting variety.

Barley acres intended for harvest in 1973 totaled 2,100,000 acres--15.4 percent more than in 1972.

Information in this report is the result of an annual Statewide survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches.

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K. Rudy Suta,
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7/73

1/

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1972 REVISED

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	1.6	3.1	461.0	50.1	47.5	13.6	51.4	18.6	1.0	1.7	12.5	12.5	6.5	10.0	581.5	32.0
Unitan	6.3	12.4	49.7	5.4	143.8	41.2	48.5	17.5	16.9	29.1	31.9	26.5	40.8	323.6	17.8	
Compana	5.3	10.4	45.1	4.9	33.5	9.6	106.9	38.6	7.4	12.8	10.0	10.0	5.8	8.9	214.0	11.8
8ctzae	2.0	4.0	173.9	18.9	6.3	1.8	.6	.2	20.4	35.2	4.8	4.8	.4	.7	208.4	11.5
Shabot	---	---	89.3	9.7	---	---	.6	.2	---	---	---	---	---	---	89.9	4.9
Dekap	---	---	46.9	5.1	18.5	5.3	7.2	2.6	---	---	---	---	2.0	3.1	74.6	4.1
Hypana	.4	.7	22.1	2.4	10.8	3.1	23.0	8.3	3.4	5.9	5.3	4.4	6.7	69.4	3.8	
Palliser	---	---	10.1	1.1	17.1	4.9	27.4	9.9	---	---	2.1	2.1	---	---	56.7	3.1
Ingrid	18.0	35.4	---	---	---	---	---	---	1.6	2.7	19.2	19.2	---	---	38.8	2.1
Larker	---	---	---	---	34.9	10.0	---	---	.8	1.4	---	---	2.5	3.9	38.2	2.1
Dickson	---	---	.9	.1	18.5	5.3	---	---	---	---	---	---	.4	.6	19.8	1.1
Freja	11.9	23.4	---	---	---	---	---	---	---	---	---	---	---	---	11.9	.7
Vantage	4.3	8.4	.9	.1	1.7	.5	---	---	---	---	.9	.9	2.3	3.5	10.1	.6
Horsford	---	---	.9	.1	---	---	---	1.1	.4	.7	5.8	5.8	---	---	8.2	.5
Keystone	---	---	---	---	---	---	---	---	---	---	3.3	3.3	5.8	8.9	9.1	.5
Erbet	---	---	---	---	---	---	5.0	1.8	---	---	---	---	.5	---	5.5	.3
Vanguard	---	5.5	.6	---	---	---	.6	.2	---	---	---	---	---	---	6.1	.3
Herts	---	---	---	---	4.5	1.3	---	---	---	---	---	---	---	---	4.5	.2
Horn	---	---	1.8	.2	2.8	.8	---	---	---	---	---	---	---	---	4.6	.3
Paragon	---	---	---	---	1.4	.4	---	---	---	---	---	---	2.1	3.3	3.5	.2
Primus II	---	---	---	---	.7	.2	---	---	---	---	---	---	2.9	4.4	3.6	.2
Titan	---	---	---	---	---	---	---	---	1.9	1.9	---	---	---	---	1.9	.1
Yukon	---	---	---	---	.7	.2	---	---	1.5	2.6	---	---	---	---	2.2	.1
Moravian	---	---	.9	.1	---	---	---	---	---	---	.5	.5	---	---	1.4	.1
California	.7	1.3	---	---	---	---	---	---	---	---	---	---	---	---	.7	*
Primus	---	---	---	---	---	---	---	---	---	---	---	---	.3	.4	.3	*
Belford	---	---	---	---	---	---	---	---	.1	.2	---	---	---	---	.1	*
Other	.5	.9	11.0	1.2	6.3	1.8	4.7	1.7	4.5	7.7	1.3	1.3	3.1	4.8	31.4	1.6
TOTAL	51.0	100.0	920.0	100.0	349.0	100.0	277.0	100.0	58.0	100.0	100.0	100.0	65.0	100.0	1820.0	100.0

*Less than 0.1 percent of total seeded acreage.

1/ These 1972 barley variety percentages are only fractionally changed from the preliminary data published in July 1972.
 Acreage data are revised to agree with the current State estimate of 1,820,000 acres of barley seeded for the 1972 crop.

7/73

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1973 PRELIMINARY

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	7.0	11.1	517.0	52.2	90.7	21.8	76.3	23.0	2.8	4.2	21.7	17.4	.5	.4	716.0	34.1
Unitan	6.6	10.4	53.5	5.4	179.3	43.0	45.3	13.6	25.0	37.3	32.2	25.7	57.0	53.8	398.9	19.0
Compana	2.1	3.3	25.7	2.6	25.1	6.0	111.1	33.5	12.0	17.9	15.1	12.1	8.5	8.0	199.6	9.5
Shabot	---	175.9	17.8	---	1	*	2.6	.8	1.8	2.7	---	---	---	---	180.4	8.6
Betzies	4.3	6.8	113.5	11.4	13.0	3.1	7.8	2.3	15.1	22.5	8.3	6.6	.7	.7	162.7	7.7
Palliser	---	6.6	.7	35.0	8.4	33.8	10.2	---	---	1.7	1.4	---	---	---	77.1	3.7
Hypana	.1	.2	18.4	1.9	9.3	2.2	24.2	7.3	1.4	2.2	9.0	7.2	12.0	11.3	74.4	3.6
Dekap	---	35.9	3.6	10.8	2.6	6.5	1.9	---	---	---	---	---	---	---	54.0	2.6
Ingrid	23.6	37.5	---	---	---	4	.1	4.9	7.3	18.6	14.9	---	---	---	47.5	2.3
Larker	---	---	---	---	34.3	8.2	---	---	---	---	---	---	---	---	.6	.6
Vanguard	---	---	19.2	1.9	3.0	.7	.8	.3	---	---	.6	.5	.8	.8	24.4	1.2
Frbet	---	---	---	---	---	---	12.2	3.7	---	---	3.9	.3.1	---	---	16.1	.8
Keystone	---	---	---	---	---	---	---	---	---	2.4	1.9	13.2	12.4	15.6	.7	
Freja	12.7	20.2	---	---	---	---	---	---	---	---	---	---	---	---	12.7	.6
Steptoe	1.1	1.7	6.0	.6	1.9	.5	.7	.2	.3	.4	.8	.6	.8	.8	11.6	.6
Horsford	.3	.5	.6	.1	.5	.1	1.1	.3	1.6	2.3	5.3	4.3	---	---	9.4	.4
Firlbecks III	---	---	6.6	.7	---	---	---	---	.7	2.6	.4	.3	---	---	8.7	.4
Dickson	---	---	---	---	5.4	1.3	---	---	---	---	---	---	1.1	1.0	6.5	.3
Titan	---	---	---	---	---	---	---	---	---	3.3	2.6	---	---	---	3.3	.2
Paragon	---	---	---	---	---	---	---	---	---	---	---	---	3.1	2.9	3.1	.2
Moravian	---	---	3.0	.3	---	---	---	---	---	---	---	---	---	---	3.0	.1
Herta	---	---	---	---	2.9	.7	---	---	---	---	---	---	---	---	2.9	.1
Vantage	.9	1.5	---	---	---	---	---	---	---	---	---	---	---	---	.9	*
Yukon	---	---	---	---	.8	.2	---	---	---	---	---	---	---	---	.8	*
Primus II	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.7	*
California	.5	.7	---	---	---	---	---	---	---	---	---	---	---	---	.5	*
Conquest	---	---	---	---	---	---	.4	.1	---	---	---	---	---	---	.4	*
Horn	---	---	---	---	.3	.1	---	---	---	---	---	---	---	---	.3	*
Belford	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.1	*
Other	3.8	6.1	8.1	.8	4.6	1.1	8.8	2.7	.4	.6	1.6	1.3	6.2	5.8	33.5	1.6
TOTAL	63.0	100.0	990.0	100.0	417.0	100.0	332.0	100.0	67.0	100.0	125.0	100.0	106.0	100.0	2100.0	100.0

*Less than 0.1 percent of total seeded acreage.

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MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1966 - 1973 AND SEEDED ACREAGE 1972 AND 1973

VARIETY	Percent of Total Seeded Acreage								SEEDED ACRES						
	1966		1967		1968		1969		1970	1971	1972	1973	1972 1/	1973 2/	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Acreage	Acreage					
Piroline	*	*	.2	4.3	19.7	32.4	32.0	34.1	581,500	716,000					
Unitan	14.1	15.0	12.1	10.0	11.5	14.5	17.8	19.0	323,600	398,900					
Compana	39.0	28.5	16.0	11.5	15.7	11.5	11.8	9.5	214,000	199,600					
Shabet	----	----	----	----	----	----	.2	4.9	8.6	89,930	180,400				
Betzes	19.4	15.2	13.1	16.3	16.4	17.6	11.5	7.7	208,400	162,700					
Palliser	5.5	5.4	3.0	3.7	3.6	3.9	3.1	3.7	56,700	77,100					
Hypana	*	12.8	40.7	41.2	17.7	6.9	3.8	3.6	69,400	74,400					
Dekap	6.6	11.0	4.4	3.8	5.1	4.5	4.1	2.6	74,600	54,000					
Ingrid	1.9	1.8	2.3	1.8	1.6	2.4	2.1	2.3	38,800	47,500					
Larker	6.8	4.8	2.3	2.4	2.5	1.3	2.1	1.7	38,200	34,900					
Vanguard	----	----	----	----	----	----	.3	1.2	6,100	24,400					
Erbet	----	----	----	----	*	*	*	.8	5,500	16,100					
Keystone	*	*	*	*	.3	*	.5	.7	9,100	15,600					
Freja	.4	.3	.6	.5	.6	.5	.7	.6	11,900	12,700					
Steptoe	----	----	----	----	----	----	----	.6	----	11,600					
Horsford	*	.3	.2	.2	.3	.3	.5	.4	8,200	9,400					
Firlebecks III	----	----	----	----	----	----	----	.4	----	8,700					
Dickaon	*	.9	.8	.6	.8	.8	1.1	.3	19,800	6,500					
Titan	.8	*	*	.1	*	.1	.1	.2	1,900	3,300					
Paragon	----	----	----	----	----	.5	.2	.2	3,500	3,100					
Moravian	.3	.2	.3	.1	----	----	.1	.1	1,400	3,000					
Herta	.8	.9	.4	.4	.4	.4	.2	.1	4,500	2,900					
Vantage	1.8	1.0	1.1	.8	1.0	.5	.6	*	10,100	900					
Yukon	----	*	.2	.4	.3	.1	.1	*	2,200	800					
Primus II	----	----	----	----	----	----	----	.2	3,600	700					
California	*	*	----	----	----	*	*	*	700	500					
Conquerat	*	.9	.8	.5	*	*	*	*	----	400					
Horn	.2	*	.5	.6	.4	.2	.3	*	4,600	300					
Belford	*	*	*	*	.1	----	*	*	100	100					
Other	2.4	1.0	1.0	.8	2.0	1.4	1.6	1.6	31,700 3/	33,500 3/					
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,820,000	2,100,000					

* Less than 0.1 percent of total seeded acreage.

1/ Revised.

2/ Preliminary.

3/ Includes other and unknown varieties representing 1.6 percent of the State's seeded acres.

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STATE DOCUMENTS

MONTANA BARLEY VARIETIES

1974

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AUG 7 1974



MONTANA CROP AND LIVESTOCK REPORTING SERVICE

P. O. Box 1726 - Helena, Montana 59601

Released: July 12, 1974

FEED GRAIN BARLEY VARIETIES: Unitan maintained its number one position among 1974 feed grain barley varieties according to a survey of grain growers conducted by the Montana Crop and Livestock Reporting Service. Montana grain producers seeded 231,100 acres using Unitan seed--accounting for more than 16 percent of total barley acres. Only Firoline, a malting variety, exceeded the Unitan acreage. Unitan is a six-row low-protein barley which produces high yields on both irrigated and non-irrigated land.

Compana continued in a downward trend but remains the second most popular feed barley. In 1974, 8 percent of the barley acreage was seeded with Compana compared with 9.5 percent in 1973. Compana is a two-row variety released in 1941. It has moderately weak, medium-short straw with mid-season maturity. The variety is resistant to loose smut and moderately resistant to covered smut.

Steptoe was third place among feed grain varieties, with 6.8 percent of the acreage seeded to this "newcomer" to Montana. Steptoe leaped from 11,600 acres in 1973 to 95,800 this year. It is a six-row barley developed by Washington State University. The straw is stiffer than Unitan, with good resistance to lodging. Disease susceptibility or tolerances have not been evaluated as to date.

Hypana is the Number 4 feed barley variety in Montana, the same rank held in 1973. As a percent of total barley acres, Hypana is declining--accounting for only 2.9 percent in 1974. This is a sharp contrast with 1969 when this variety represented over 41 percent of the Montana barley acres.

Palliser acreage is also declining and is the fifth ranking variety in 1974 compared with third in 1973. Grain growers seeded 2.4 percent of their barley acres with Palliser.

MALTING-TYPE BARLEY VARIETIES: Piroline held its Number 1 position in total acres seeded to barley in Montana and increased its share from 34.1 percent in 1973 to 35.7 percent this year. Actual acres seeded to piroline are less than last year, as growers cut total barley seedings by 33 percent. Slightly over 500,000 acres were seeded to this variety--more than double the next most important variety--Unitan--a feed barley.

Shabet ranks Number 2 among malting barley again this year, with 8.4 percent of the barley acres devoted to the variety.

Betzes remains in the Number 3 spot for malting barley, with 6.0 percent of the total seeded acres--down from 7.7 in 1973.

In addition to the 3 MBIA approved varieties, there are three other malting-type barleys grown in Montana, with significant acres for 1974 harvest: Vanguard with 2.7 percent of the acreage, Moravian with 17,800 acres, 1.3 percent of seeded acreage, and Larker accounting for less than 1 percent.

Malting-type barley varieties occupy 55 percent of the Montana barley acreage seeded in 1974, with over 770,000 acres. Last year, malting types represented 54 percent of barley acres and totaled 1,130,000 acres.

Information in this report is the result of an annual Statewide Survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

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7/74

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1973

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State		
	Acres (000)	Pct.															
Piroline	7.0	11.1	517.0	52.2	90.7	21.8	76.3	23.0	2.8	4.2	21.7	17.4	.5	.4	716.0	34.1	
Unitan	6.6	10.4	53.5	5.4	179.3	43.0	45.3	13.6	25.0	37.3	32.2	25.7	57.0	53.8	398.9	19.0	
Compana	2.1	3.3	25.7	2.6	25.1	6.0	111.1	33.5	12.0	17.9	15.1	12.1	8.5	8.0	199.6	9.5	
Shabot	---	175.9	17.8	---	.1	*	2.6	---	.8	1.8	2.7	---	---	---	180.4	8.6	
Betzes	4.3	6.8	113.5	11.4	13.0	3.1	7.8	2.3	15.1	22.5	8.3	6.6	.7	.7	162.7	7.7	
Pallaer	---	6.6	.6	.7	35.0	8.4	33.8	10.2	---	---	1.7	1.4	---	---	77.1	3.7	
Hypana	.1	.2	18.4	1.9	9.3	2.2	24.2	7.3	1.4	2.2	9.0	7.2	12.0	11.3	74.4	3.6	
Oekap	---	---	35.9	3.6	10.8	2.6	6.5	1.9	---	---	---	---	.8	.8	54.0	2.6	
Ingrid	23.6	37.5	---	---	---	---	.4	---	.1	4.9	7.3	18.6	14.9	---	---	47.5	2.3
Larker	---	---	---	---	34.3	8.2	---	---	---	---	---	---	.6	.6	34.9	1.7	
Vanguard	---	---	19.2	1.9	3.0	.7	.8	---	.3	---	---	.6	.5	.8	24.4	1.2	
Erbet	---	---	---	---	---	---	12.2	3.7	---	---	3.9	3.1	---	---	16.1	.8	
Keystone	---	---	---	---	---	---	---	---	---	---	2.4	1.9	13.2	12.4	15.6	.7	
Freja	12.7	20.2	---	---	---	---	---	---	---	---	---	---	---	---	---	12.7	.6
Steptoe	1.1	1.7	6.0	.6	1.9	.5	.7	.2	.3	.4	.8	.6	.8	.8	11.6	.6	
Horaford	.3	.5	.6	.1	.5	.1	1.1	.3	1.6	2.3	5.3	4.3	---	---	9.4	.4	
Firbeck's III	---	---	6.6	.7	---	---	---	---	.7	2.6	.4	.3	---	---	8.7	.4	
Dickson	---	---	---	---	5.4	1.3	---	---	---	---	---	---	1.1	1.0	6.5	.3	
Titan	---	---	---	---	---	---	---	---	---	---	3.3	2.6	---	---	3.3	.2	
Paragon	---	---	---	---	---	---	---	---	---	---	---	3.1	2.9	---	3.1	.2	
Moravian	---	---	3.0	.3	---	---	---	---	---	---	---	---	---	---	3.0	.1	
Herta	---	---	---	---	2.9	.7	---	---	---	---	---	---	---	---	2.9	.1	
Vantage	.9	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	.9	*
Yukon	---	---	---	---	.8	.2	---	---	---	---	---	---	---	---	---	.8	*
Primus II	---	---	---	---	---	---	---	---	---	---	---	---	.7	.7	---	.7	*
California	.5	.7	---	---	---	---	---	---	---	---	---	---	---	---	---	.5	*
Conquest	---	---	---	---	---	---	.4	.1	---	---	---	---	---	---	---	.4	*
Horn	---	---	---	---	.3	.1	---	---	---	---	---	---	---	---	---	.3	*
Belford	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.1	*
Other	3.8	6.1	8.1	.8	4.6	1.1	8.8	2.7	.4	.6	1.6	1.3	6.2	5.8	33.5	1.6	
TOTAL	63.0	100.0	990.0	100.0	417.0	100.0	332.0	100.0	67.0	100.0	125.0	100.0	106.0	100.0	2100.0	100.0	

*Less than 0.1 percent of total seeded acreage.

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1967 - 1974 AND SEEDED ACREAGE 1973 AND 1974

Varieties	Percent of Total Seeded Acreage								SEEDED ACRES	
	1967		1968		1969		1970		1973	1974
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Acreage	1974 1/
Piroline	*	.2	4.3	19.7	32.4	32.0	34.1	35.8	716,000	500,500
Unitan	15.0	12.1	10.0	11.5	14.5	17.8	19.0	16.5	398,900	231,100
Shabet	---	---	---	---	.2	4.9	8.6	8.4	180,400	117,300
Compana	28.5	16.0	11.5	15.7	11.5	11.8	9.5	8.0	199,600	111,600
Steptoe	---	---	---	---	---	---	.6	6.8	11,600	95,800
Betzes	15.2	13.1	16.3	16.4	17.6	11.5	7.7	6.0	162,700	83,700
Hypana	12.8	40.7	41.2	17.7	6.9	3.8	3.6	2.9	74,400	40,000
Vanguard	---	---	---	---	---	.3	1.2	2.7	24,400	37,400
Palliser	5.4	3.0	3.7	3.6	3.9	3.1	3.7	2.4	77,100	33,900
Ingrid	1.8	2.3	1.8	1.6	2.4	2.1	2.3	2.1	47,500	29,200
Oekap	11.0	4.4	3.8	5.1	4.5	4.1	2.6	1.7	54,000	23,400
Moravian	.2	.3	.1	---	*	.1	.1	1.3	3,000	17,800
Erbet	---	---	---	*	*	.3	.8	1.0	16,100	14,300
Horsford	.3	.2	.2	.3	.3	.5	.4	.9	9,400	13,000
Larker	4.8	2.3	2.4	2.5	1.3	2.1	1.7	.8	34,900	11,200
Freja	.3	.6	.5	.6	.5	.7	.6	.5	12,700	6,800
Dickson	.9	.8	.6	.8	.8	1.1	.3	.2	6,500	2,700
Hector	---	---	---	---	---	---	---	.2	---	3,200
Firlebecks III	---	---	---	---	---	---	.4	.2	8,700	3,100
Klages	---	---	---	---	---	---	---	.2	---	2,800
Trebi	---	---	---	---	---	---	---	.1	---	2,200
Keystone	*	*	*	.3	*	.5	.7	.1	15,600	1,800
Titan	*	*	.1	*	.1	.1	.2	*	3,300	600
Paragon	---	---	---	---	.5	.2	.2	---	3,100	---
Herta	.9	.4	.4	.4	.4	.2	.1	---	2,900	---
Vantage	1.0	1.1	.8	1.0	.5	.6	*	---	900	---
Yukon	*	.2	.4	.3	.1	.1	*	---	800	---
Primus II	---	---	---	---	---	.2	*	---	700	---
California	*	---	---	---	*	*	*	---	500	---
Other	1.9	2.3	1.9	2.5	1.6	1.9	1.6	1.2	34,300	16,600
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2,100,000	1,400,000

1/ Preliminary.

* Less than 0.1 percent of total seeded acreage.

STATE DOCUMENTS

1975



JUL 22 1975

MONTANA CROP AND LIVESTOCK REPORTING SERVICE
P. O. Box 1726 - Helena, Montana 59601

Released: July 14, 1975

Montana farmers planted 1,360,000 acres of barley in 1975. The following is a breakdown of the major varieties seeded on these acres according to the Montana Crop and Livestock Reporting Service.

FEED TYPE BARLEY VARIETIES: Compana became the leading feed type barley variety seeded in 1975 reversing it's downward trend from the past several years. Nearly 13 percent of the total barley acreage was planted to this variety compared to 8 percent in 1974. Compana is a two-row variety released in 1941. It has moderately weak, medium-short straw with mid-season maturity. The variety is resistant to loose smut and moderately resistant to covered smut.

Stephoe was in second place accounting for nearly 11 percent of the seeded barley acreage. Stephoe has been increasing in acreage the past three years, and was in third place last year with about 7 percent of the acreage. It is a six-row barley developed by Washington State University. The straw is stiffer than Unitan, with good resistance to lodging.

Unitan slipped from first place last year to third. It now occupies nearly 10 percent of the acreage compared to about 17 percent last year. It has been a leading variety in Montana for many years. Unitan is a six-row, low protein barley which produces high yields on both irrigated and non-irrigated land.

Hector in fourth place, is a new variety which is fast becoming established in Montana. Nearly 9 percent of the barley acreage is now seeded to this variety compared to only 0.2 percent last year. It is a two-row variety developed in Lethbridge, Alberta. Kernel size is medium to small. It is moderately early in maturity and is grown on both irrigated and dry land. It is resistant to smut and most common diseases.

Ingrid is in sixth place with about 3 percent of the acreage, a slight increase from 2 percent last year. It is grown mainly on irrigated lands because of its late maturity. It is a stiff strawed, two-row variety. Ingrid is slightly shorter than Betzes. It is a Swedish variety and has been grown in Montana since 1963.

MALTING-TYPE BARLEY VARIETIES: Piroline is still the number one malting variety and also occupies more total acreage than any other variety with nearly 25 percent of the total. It has decreased from last year when it occupied over 35 percent. Piroline was developed in Germany and is a two-row variety with fairly strong straw. Piroline yields well, especially on heavy soils, and is fairly resistant to lodging.

Shabot is in second place among malting varieties with over 8 percent of the acreage - nearly unchanged in relative importance from last year.

Betzes remains in the number three spot for malting barley with about 5 percent of the acreage. Last year, the variety had 6 percent of the acreage.

In addition to the three MBIA approved varieties, there are two other malting-type barleys grown in Montana. These are Vanguard with 2 percent of the acreage this year compared to almost 3 last year, and Larker with over 1 percent this year compared to just under 1 percent last year.

Malting-type varieties occupy just over 40 percent of the total acreage in 1975 compared with almost 55 percent last year.

Information in this report is the result of an annual Statewide Survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

7/75

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1975 PRELIMINARY

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	3.5	5.0	250.7	38.0	19.7	8.8	65.0	35.2	2.2	3.0	.4	.5	---	---	341.5	25.1
Compana	.7	1.0	108.5	16.4	16.2	7.3	26.0	14.1	13.4	18.6	4.7	5.9	12.9	18.0	182.4	13.4
Steptoe	4.3	6.2	23.8	3.6	36.6	16.5	25.1	13.6	16.1	22.3	22.7	28.8	19.5	27.2	148.1	10.9
Unitan	8.2	11.7	9.6	1.4	56.8	25.5	12.7	6.9	7.7	10.6	11.5	14.7	28.1	39.1	134.6	9.9
Hector	.9	1.3	71.0	10.8	28.7	12.9	20.5	11.1	---	---	---	---	---	---	121.1	8.9
Shabet	---	--	106.8	16.2	.4	.2	2.7	1.5	7.0	9.8	---	---	---	---	116.9	8.6
Betzes	2.0	2.9	43.8	6.6	1.6	.7	1.1	.6	9.1	12.6	6.2	7.9	.7	.9	64.5	4.7
Ingrid	30.6	43.9	---	--	---	--	.7	.4	---	--	6.2	7.8	---	--	37.5	2.8
Vanguard	---	--	--	--	23.8	10.7	1.4	.7	---	--	---	---	1.5	2.1	26.7	2.0
Pallisier	.4	.5	4.1	.6	3.2	1.4	17.1	9.3	---	--	---	---	---	---	24.8	1.8
Dekap	---	--	14.9	2.3	4.5	2.0	2.8	1.5	---	--	---	---	1.3	1.9	23.5	1.7
Hypana	---	--	1.1	.2	8.6	3.9	---	---	---	---	9.2	11.7	.8	1.2	19.7	1.4
Larker	.7	1.1	---	--	15.6	7.0	---	---	---	---	---	---	---	---	16.3	1.2
Firbeck III	---	--	9.4	1.4	---	--	---	---	2.7	3.7	2.0	2.5	---	---	14.1	1.0
Horsford	1.0	1.5	3.7	.6	.8	.4	1.7	.9	.7	1.0	4.5	.5.7	---	---	12.4	.9
Moravian	---	--	6.6	1.0	---	--	---	---	3.4	4.7	.8	1.1	---	---	10.8	.8
Freja	9.6	13.8	---	--	---	--	---	---	---	---	---	---	---	---	9.6	.7
Klages	1.1	1.6	.8	.1	---	--	5.9	3.2	---	---	---	---	---	---	7.8	.6
Verio	2.6	3.7	2.9	.4	---	--	---	---	---	---	---	---	---	---	5.5	.4
Other	4.2	5.8	2.7	.4	6.1	2.7	1.9	1.0	9.9	13.7	10.5	13.4	6.9	9.6	42.2	3.2
TOTAL	69.8	100.0	660.4	100.0	222.6	100.0	184.6	100.0	72.2	100.0	78.7	100.0	71.7	100.0	1360.0	100.0

Barley variety statistics are funded by the
Malting Barley Improvement Association.

7/75

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1974 REVISED

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	5.8	11.3	383.4	55.6	42.3	17.2	56.5	27.2	6.6	11.0	5.9	7.6	-----	-----	500.5	35.8
Unitan	8.6	16.6	24.7	3.6	96.9	39.5	20.6	9.9	25.8	42.9	21.9	28.3	32.6	48.1	231.1	16.5
Shebet	---	---	107.2	15.5	3.9	1.6	5.3	2.5	.9	1.5	---	---	---	---	117.3	8.4
Compana	.4	.8	23.8	3.5	11.4	4.6	52.2	25.1	4.5	7.5	10.7	13.8	8.6	12.7	111.6	8.0
Steptoe	8.5	16.5	42.3	6.1	20.6	8.4	10.2	4.9	7.3	12.1	4.0	5.2	2.9	4.3	95.8	6.8
Betzes	1.5	3.0	53.1	7.7	14.4	5.9	6.0	2.9	3.5	5.8	3.9	5.0	1.3	1.9	83.7	6.0
Hypnos	.9	1.8	5.9	.9	6.1	2.5	12.1	5.8	1.3	2.2	11.5	14.9	2.2	3.2	40.0	2.9
Vanguard	---	---	6.0	.9	13.9	5.7	1.7	.8	---	---	---	---	15.8	23.4	37.4	2.7
Palliser	---	---	4.3	.6	6.7	2.7	22.9	11.0	---	---	---	---	---	---	33.9	.24
Ingrid	15.4	29.8	---	---	---	1.3	.6	3.7	6.2	8.8	11.4	---	---	---	29.2	2.1
Dekap	---	---	13.3	1.9	5.8	2.3	4.3	2.1	---	---	---	---	---	---	23.4	1.7
Moravian	---	---	15.8	2.3	---	---	---	---	2.0	3.3	---	---	---	---	17.8	1.3
Erbet	---	---	.3	---	---	---	9.3	4.5	---	4.7	6.1	---	---	---	14.3	1.0
Horsford	.1	.2	3.6	.5	1.9	.8	3.4	1.6	3.1	5.2	.9	1.2	---	---	13.0	.9
Larker	---	---	---	---	11.2	4.6	---	---	---	---	---	---	---	---	11.2	.8
Freja	6.2	12.1	---	---	.6	.2	---	---	---	---	---	---	---	---	6.8	.5
Dickson	---	---	---	---	2.7	1.1	---	---	---	---	---	---	---	---	2.7	.2
Hector	---	---	.6	.1	2.6	1.1	---	---	---	---	---	---	---	---	3.2	.2
Firlbecks III	---	---	2.2	.3	---	---	---	---	.9	1.5	---	---	---	---	3.1	.2
Klages	---	---	2.8	.4	---	---	---	---	---	---	---	---	---	---	2.8	.2
Trebi	2.2	4.2	---	---	---	---	---	---	---	---	---	---	---	---	2.2	.1
Keystone	---	---	---	---	---	---	---	---	---	---	---	1.8	2.7	1.8	.1	
Titan	---	---	---	---	---	---	---	---	---	---	---	.6	.9	.6	---	
Other	1.9	3.7	.7	.1	4.4	1.8	2.2	1.1	.5	.8	5.0	6.5	1.9	2.8	16.6	1.2
TOTAL	51.5	100.0	690.0	100.0	245.4	100.0	208.0	100.0	60.1	100.0	77.3	100.0	67.7	100.0	1400.0	100.0

Daniel L. Herbert,
Agr. Statistician-in-Charge

Barley variety statistics are funded by the
Malting Barley Improvement Association.

Raymond Stack,
Agr. Statistician

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1968 - 1975 AND SEEDED ACREAGE 1974 AND 1975

VARIETIES	Percent of Total Seeded Acreage								SEEDED ACRES	
	1968	1969	1970	1971	1972	1973	1974	1975	1974	1975 1/
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Acreage	Acreage
Piroline	.2	4.3	19.7	32.4	32.0	34.1	35.8	25.1	500,500	341,500
Compana	16.0	11.5	15.7	11.5	11.8	9.5	8.0	13.4	111,600	182,400
Steptoe	---	---	---	---	---	.6	6.8	10.9	95,800	148,100
Unitan	12.1	10.0	11.5	14.5	17.8	19.0	16.5	9.9	231,100	134,600
Hector	---	---	---	---	---	---	.2	8.9	3,200	121,100
Shabet	---	---	---	.2	4.9	8.6	8.4	8.6	117,300	116,900
Betzes	13.1	16.3	16.4	17.6	11.5	7.7	6.0	4.7	83,700	64,500
Ingrid	2.3	1.8	1.6	2.4	2.1	2.3	2.1	2.8	29,200	37,500
Vanguard	---	---	---	---	.3	1.2	2.7	2.0	37,400	26,700
Palliser	3.0	3.7	3.6	3.9	3.1	3.7	2.4	1.8	33,900	24,800
DeKap	4.4	3.8	5.1	4.5	4.1	2.6	1.7	1.7	23,400	23,500
Hypana	40.7	41.2	17.7	6.9	3.8	3.6	2.9	1.4	40,000	19,700
Larker	2.3	2.4	2.5	1.3	2.1	1.7	.8	1.2	11,200	16,300
Firlbecks III	---	---	---	---	---	.4	.2	1.0	3,100	14,100
Horsford	.2	.2	.3	.3	.5	.4	.9	.9	13,000	12,400
Moravian	.3	.1	---	*	.1	.1	1.3	.8	17,800	10,800
Freja	.6	.5	.6	.5	.7	.6	.5	.7	6,800	9,600
Klaces	---	---	---	---	---	---	.2	.6	2,800	7,800
Verio	---	---	---	---	---	*	*	.4	---	5,500
Other	4.8	4.2	5.3	4.0	5.2	3.9	2.6	3.2	38,200	42,200
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,400,000	1,360,000

1/Preliminary

* Less than 0.1 percent of total seeded acreage.

Barley variety statistics are funded by the
Malting Barley Improvement Association

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BARLEY VARIETIES

1976

STATE DOCUMENTS



Statistical Reporting Service-USDA

Montana Department of Agriculture

P.O. Box 1726 - Helena, Montana

Released July 7, 1976

Montana farmers planted 1,220,000 acres of barley in 1976. The following is a breakdown of the major varieties seeded on these acres according to the Montana Crop and Livestock Reporting Service.

FEED TYPE BARLEY VARIETIES: Hector, a relatively new variety, became the leading feed-type barley grown in Montana in 1976. About 11 percent of the total acreage is seeded to this variety, which is a two-row type developed in Lethbridge, Alberta. Kernel size is medium to small. It is moderately early in maturity and is grown on both irrigated and dry land.

Unitan continued to occupy less total acres after reaching its peak in 1973 but became the second most important feed variety grown in the State this year, with about 9 percent of the total. Unitan is a six-row, low-protein barley, which produces high yields on both irrigated and non-irrigated land.

Steptoe declined in acreage this year and is now in third place, with less than 9 percent of the total. It is a six-row barley developed by Washington State University. The straw is stiffer than Unitan, with good resistance to lodging.

Campana now in fourth place, was in second place last year. However, the variety had been declining in importance for several years except for a comeback last year. Campana is a two-row variety released in 1941. It has moderately weak, medium-short straw, with mid-season maturity.

MALTING-TYPE BARLEY VARIETIES: Piroline continues to be the leading malting variety and at 25 percent of the total, occupies more acreage than any other variety. Piroline was developed in Germany and is a two-row variety, with fairly strong straw. Piroline yields well, especially on heavy soils and is fairly resistant to lodging.

Shabet continued its second place among malting barley varieties, but also attained second place in total acres this year.

Betzes in the number 3 position, was introduced from Poland by the USDA and released by the Montana Experiment Station in 1957. It is a mid-short, medium strength straw, mid-season variety. It is susceptible to loose and covered smut, rust and scald.

Klages, the fourth most important malt variety, was developed by the University of Idaho from composite crosses of Betzes and Domen. It is a two-row, mid-tall stiff strawed variety.

Information in this report is the result of an annual Statewide survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches. Statements concerning variety characteristics are primarily derived from information published by Montana State University

Daniel L. Herbert,
Statistician-in-Charge

Raymond C. Stack,
Agr. Statistician

Statistical Reporting Service
U. S. DEPARTMENT OF AGRICULTURE

MONTANA DEPARTMENT OF AGRICULTURE

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS ~ 1976 PRELIMINARY

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Piroline	---	---	208.6	36.1	25.0	15.9	47.7	22.5	13.1	21.2	10.3	12.4	2.0	3.3	306.7	25.1
Shabot	1.3	1.9	176.4	30.5	12.0	7.6	3.3	1.5	14.4	23.3	---	---	---	---	207.4	17.0
Hector	---	---	51.2	8.9	27.0	17.2	44.4	21.0	---	---	9.0	10.8	5.7	9.6	137.3	11.3
Unitan	17.2	25.0	3.9	.7	27.0	17.2	16.0	7.5	8.7	14.0	10.7	12.8	21.1	35.6	104.6	8.6
Steptoe	7.2	10.5	14.8	2.6	25.4	16.1	8.8	4.1	13.3	21.5	20.8	25.0	13.9	23.6	104.2	8.5
Compana	---	---	12.4	2.1	2.3	1.4	32.4	15.3	3.8	6.1	13.5	16.2	5.0	8.5	69.4	5.7
Betzes	.3	.4	49.0	8.5	2.8	1.8	2.5	1.2	3.2	5.2	3.3	4.0	1.6	2.7	62.7	5.1
Klages	.3	.4	15.7	2.7	---	---	11.6	5.5	1.9	3.1	2.9	3.5	---	---	32.3	2.6
Ingrid	27.4	39.9	---	---	---	---	---	---	.4	.6	2.6	3.1	---	---	30.4	2.5
Palliser	---	---	6.9	1.2	---	---	14.1	6.7	---	---	---	---	---	---	21.0	1.7
Firlbeck III	---	---	16.0	2.8	---	---	---	---	---	---	2.4	2.9	---	---	18.5	1.6
Hypana	---	---	.5	.1	12.2	7.8	2.4	1.1	---	---	1.7	2.0	.3	.4	17.1	1.4
Horsford	.2	.3	.5	.1	3.2	2.0	7.5	3.5	.7	1.1	---	---	---	---	12.1	1.0
Vanguard	---	---	4.2	.7	4.8	3.1	2.3	1.1	---	---	---	---	---	---	11.3	.9
Larker	---	---	---	---	9.7	6.2	---	---	---	---	---	---	---	---	9.7	.8
Karl	---	---	2.1	.4	---	---	2.5	1.2	2.4	3.9	.7	.9	---	---	7.7	.6
Freja	6.8	9.9	---	---	---	---	---	---	---	---	---	---	---	---	6.8	.5
Dekap	---	---	---	---	---	---	5.0	2.4	---	---	---	---	---	---	5.0	.4
Erbet	---	---	---	---	---	---	1.4	.7	---	---	1.8	2.2	---	---	3.2	.3
Bison	---	---	---	---	---	---	---	---	---	---	---	---	2.2	3.7	2.2	.2
Georgie	1.8	2.6	---	---	---	---	---	---	---	---	.3	.4	---	---	.8	.1
Lud	.5	.7	---	---	---	---	---	---	---	---	.3	.4	---	---	47.5	.9
Other	5.7	8.4	15.5	2.6	5.9	3.7	9.9	4.7	---	---	3.1	3.4	7.4	12.6	1,220.0	100.0
TOTAL	68.7	100.0	577.7	100.0	157.3	100.0	211.8	100.0	61.9	100.0	83.4	100.0	59.2	100.0		

Barley variety statistics are funded by the
Malting Barley Improvement Association.

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1975 Revised

Variety	West		N. Central		N. East		Central		S. West		S. Central		S. East		State	
	Acres (000)	Pct.														
Pipeline	3.1	5.0	243.1	38.0	21.4	8.8	72.5	35.2	2.0	3.0	.4	.5	---	---	342.5	25.2
Compania	.6	1.0	104.9	16.4	17.7	7.3	29.0	14.1	12.7	18.6	4.4	5.9	12.0	18.0	181.3	13.3
Stephoe	3.8	6.2	23.0	3.6	40.0	16.5	28.0	13.6	15.2	22.3	21.5	28.8	18.2	27.2	149.7	11.0
Unitum	7.2	11.7	9.0	1.4	61.9	25.5	14.2	6.9	7.2	10.6	11.0	14.7	26.2	39.1	136.7	10.0
Hector	.8	1.3	69.1	10.8	31.3	12.9	22.9	11.1	---	---	---	---	---	---	124.1	9.1
Shabet	---	---	103.6	16.2	.5	.2	3.1	1.5	6.7	9.8	---	---	---	---	113.9	8.4
Berzes	1.8	2.9	42.2	6.6	1.7	.7	1.2	.6	8.6	12.6	5.9	7.9	.6	.9	62.0	4.5
Ingrid	27.3	43.9	---	---	---	---	.8	.4	---	---	5.8	7.8	---	---	33.9	2.5
Vanguard	---	---	---	---	26.0	10.7	1.4	.7	---	---	---	---	1.4	2.1	28.8	2.1
Palliser	.3	.5	3.8	.6	3.4	1.4	19.1	9.3	---	---	---	---	---	---	26.6	2.0
Dekap	---	---	14.7	2.3	4.8	2.0	3.1	1.5	---	---	---	---	1.3	1.9	23.9	1.8
Hypana	---	---	1.3	.2	9.5	3.9	---	---	---	---	8.7	11.7	.8	1.2	20.3	1.5
Lirkar	.7	1.1	---	---	17.0	7.0	---	---	---	---	---	---	---	---	17.7	1.3
Firbeck III	---	---	9.0	1.4	---	---	---	---	2.5	3.7	1.9	2.5	---	---	13.4	1.0
Horsford	.9	1.5	3.8	.6	1.0	.4	1.9	.9	.7	1.0	4.3	5.7	---	---	12.6	.9
Moravian	---	---	6.4	1.0	---	---	---	---	3.2	4.7	.8	1.1	---	---	8.5	.6
Freja	8.5	13.8	---	---	---	---	---	---	---	---	---	---	---	---	8.2	.6
Klages	1.0	1.6	.6	.1	---	---	6.6	3.2	---	---	---	---	---	---	4.9	.4
Verio	2.3	3.7	2.6	.4	---	---	---	---	---	---	---	---	---	---	8.2	.6
Other	3.5	5.8	2.6	.4	6.5	2.7	2.1	1.0	9.5	13.7	10.0	13.4	6.4	9.6	40.6	3.0
TOTAL	61.8	100.0	639.7	100.0	242.7	100.0	205.9	100.0	68.3	100.0	74.7	100.0	66.9	100.0	1,360.0	100.0

Barley variety statistics are funded by the
Malting Barley Improvement Association.

7/76

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEeded ACREAGE 1969 - 1976 AND SEeded ACREAGE 1975 AND 1976

VARIETIES	PERCENT OF TOTAL SEDED ACREAGE								SEDED ACRES			
	1969		1970		1971		1972		1973	1974	1975	1976
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Acreage	Acreage	1976 1/	
Piroline	4.3	19.7	32.4	32.0	34.1	35.8	25.2	25.1	342,500	306,700		
Shabot	---	---	.2	4.9	8.6	8.4	8.4	17.0	113,900	207,400		
Nectar	---	---	---	---	---	---	.2	9.1	124,100	137,300		
Unitan	10.0	11.5	14.5	17.8	19.0	16.5	10.0	8.6	136,700	104,600		
Sceptic	---	---	---	---	.6	6.8	11.0	8.5	149,700	104,200		
Compana	11.5	15.7	11.5	11.8	9.5	8.0	13.3	5.7	181,300	69,400		
Metzes	16.3	16.4	17.6	11.5	7.7	6.0	4.5	5.1	62,000	62,700		
Vilages	---	---	---	---	---	.2	.6	2.7	8,200	32,300		
Ingrid	1.8	1.6	2.4	2.1	2.3	2.1	2.5	2.5	33,900	30,400		
Galliser	3.7	3.6	3.9	3.1	3.7	2.4	2.0	1.7	26,600	21,000		
Girbeck III	---	---	---	---	.4	.2	1.0	1.5	13,400	18,500		
Hypana	41.2	17.7	6.9	3.8	3.6	2.9	1.5	1.4	20,300	17,100		
Horsford	.2	.3	.3	.5	.4	.9	.9	1.0	12,600	12,100		
Vanguard	---	---	---	.3	1.2	2.7	2.1	.9	28,800	11,300		
Larker	2.4	2.5	1.3	2.1	1.7	.8	1.3	.8	17,700	9,700		
Karl	---	---	---	---	---	---	---	---	---	7,700		
Freja	.5	.6	.5	.7	.6	.5	.6	.5	8,500	6,800		
Dekap	3.8	5.1	4.5	4.1	2.6	1.7	1.8	.4	23,900	5,000		
Erbet	---	---	---	.3	.8	1.0	---	.3	---	3,200		
Bison	---	---	---	---	---	---	*	.2	---	2,200		
Georgie	---	---	---	---	---	---	---	.2	---	2,100		
Lud	---	---	---	---	---	---	---	.1	---	800		
Other	4.3	5.3	4.0	5.0	3.2	2.9	4.2	3.9	55,900	47,500		
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,360,000	1,220,000		

1/ Preliminary

* less than 0.1 percent of total seeded acreage.

 Barley variety statistics are funded by the
 Malting Barley Improvement Association

630.2012
7/77

BARLEY VARIETIES

1977

STATE DOCUMENTS

Released: July 13, 1977



MONTANA
CROP & LIVESTOCK
REPORTING SERVICE
Statistical Reporting Service-USDA
Montana Department of Agriculture
P.O. Box 4369--Helena, MONT

1677

Montana farmers planted 1.5 million acres of barley in 1977. The following is a breakdown showing the major varieties seeded on those acres according to the Montana Crop and Livestock Reporting Service.

FEED TYPE BARLEY VARIETIES: Hector increased its share of total barley seedings and maintained the Number 1 position among feed types in Montana in 1977. More than 14 percent of all barley acres were seeded to Hector. Hector is a two-row variety with high yielding ability and test weight. Kernel size is medium to small. It is medium in maturity, with good lodging resistance.

Unitan lost some ground to other varieties but maintained its Number 2 position as a feed barley, with 7.9 percent of total seeded acres. Unitan is a six-row variety with high yielding ability but medium to low in test weight. Kernel size and lodging resistance are both medium. Maturity is early. The variety is susceptible to stem rust and is low in protein.

Stephoe acreage continued to decline but accounted for 4.7 percent of the barley acreage and is the third most popular feed variety. Stephoe is a six-row variety with very high yielding ability. Kernel size is large, maturity is early, and lodging resistance is good. Test weight is medium to low and protein content is low.

Compana remained in 4th position with 3 percent of seeded acres. Compana is a two-row variety with medium yield ability and test weight. Kernel size is large with mid-season maturity. It has low lodging resistance and short plant height.

MALTING-TYPE BARLEY VARIETIES: Piroline increased its share of the barley seedings from 1976 to 1977, and with 36.7 percent of the total acreage is firmly established as Number 1--over all varieties. Piroline is a two-row variety relatively strong strawed, with medium yield ability and good test weight.

Klages moved into the second position for malting barley varieties, with 6.1 percent of the total acres. Klages is a two-row type with medium sized kernels. It is a mid-tall stiff strawed variety.

Shabot occupies the Number 3 slot in malting varieties this year, with 5 percent of all barley acres. Shabot is a two-row variety with medium to high yielding ability. Test weight is good. Kernel size is small. Maturity and lodging resistance are medium. The variety has good shattering resistance.

Larker staged a comeback in the northeast district and accumulated 3.7 percent of the State's barley acreage. Larker is a semi-smooth awned six-rowed variety released by the North Dakota State Experiment Station in 1961.

Information in this report is the result of an annual Statewide survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

Daniel L. Herbert,
State Statistician

Sidney W. Lebahn,
Agr. Statistician

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1977 PRELIMINARY

Variety	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		STATE	
	Acres (000)	Pct.														
Piroline	.5	.8	389.8	59.7	39.8	13.1	101.0	39.0	8.6	13.2	8.8	12.6	1.8	2.1	550.3	36.7
Hector	1.1	1.7	60.1	9.2	66.3	21.8	69.2	26.7	--	--	6.2	8.9	11.0	12.9	213.9	14.3
Unitan	6.1	9.6	5.9	.9	50.8	16.7	4.1	1.6	20.5	31.6	14.4	20.6	17.1	20.1	118.9	7.9
Klages	6.5	10.1	45.1	6.9	--	--	33.4	12.9	4.0	6.2	2.7	3.9	--	--	91.7	6.1
Shabet	--	--	65.3	10.0	2.1	.7	3.9	1.5	2.1	3.2	1.8	2.5	--	--	75.2	5.0
Steptoe	2.8	4.4	2.0	.3	14.6	4.8	13.7	5.3	18.8	29.0	9.1	13.0	8.9	10.5	69.9	4.7
Larker	3.1	4.8	.7	.1	49.2	16.2	--	--	--	--	--	--	1.9	2.2	54.9	3.7
Compana	.4	.7	7.8	1.2	9.7	3.2	9.8	3.8	2.9	4.5	2.5	3.6	12.1	14.2	45.2	3.0
Betzes	.8	1.2	21.5	3.3	11.2	3.7	.5	.2	4.7	7.2	3.8	5.4	--	--	42.5	2.8
Hypana	.5	.8	3.3	.5	18.5	6.1	7.5	2.9	--	--	2.0	2.9	7.2	8.5	39.0	2.6
Ingrid	33.0	51.6	--	--	--	--	--	--	.5	.7	4.5	6.4	--	--	38.0	2.5
Moravian 3	--	--	19.6	3.0	--	--	--	--	--	2.5	3.6	--	--	--	22.1	1.5
Dickson	--	--	--	--	14.9	4.9	--	--	--	--	--	--	6.9	8.1	21.8	1.5
Firlbecks III	--	--	16.3	2.5	--	--	--	--	--	3.7	5.3	--	--	--	20.0	1.3
Karl	1.9	2.9	2.6	.4	--	--	6.0	2.3	2.4	3.7	.5	.7	--	--	13.4	.9
Palliser	--	--	4.6	.7	.3	.1	3.9	1.5	--	--	1.5	2.1	--	--	10.3	.7
Horsford	.4	.7	1.3	.2	1.5	.5	3.9	1.5	.5	.7	.5	.7	--	--	8.1	.5
Vanguard	--	--	--	--	5.2	1.7	--	--	--	--	--	--	1.8	2.1	7.0	.5
Conquest	--	--	--	--	5.8	1.9	--	--	--	--	--	--	--	--	5.8	.4
Horn	--	--	--	--	5.8	1.9	--	--	--	--	--	--	--	--	5.8	.4
Other	6.9	10.7	7.1	1.1	8.3	2.7	2.1	.8	--	--	5.5	7.8	16.3	19.3	46.2	3.0
TOTAL	64.0	100.0	653.0	100.0	304.0	100.0	259.0	100.0	65.0	100.0	70.0	100.0	85.0	100.0	1,500.0	100.0

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1976 REVISED

Varieties	N. West		N. Central		N. East		Central		S. West		S. Central		S. East		STATE	
	Acres (000)	Pct.														
Piroline	--	--	205.1	36.1	29.2	15.9	42.2	22.5	14.0	21.2	10.4	12.4	2.2	3.3	303.1	24.8
Shabet	1.2	1.9	173.4	30.5	14.0	7.6	2.9	1.5	15.4	23.2	--	--	--	--	206.9	17.0
Hector	--	--	50.3	8.9	31.5	17.1	39.3	21.0	--	--	9.1	10.8	6.3	9.6	136.5	11.2
Steptoe	6.8	10.5	14.6	2.6	29.7	16.2	7.8	4.2	14.3	21.6	21.0	25.0	15.5	23.5	109.7	9.0
Unitan	16.1	25.0	3.8	.7	31.5	17.1	14.2	7.5	9.3	14.0	10.8	12.8	23.5	35.7	109.2	8.9
Compana	--	--	12.2	2.1	2.7	1.5	28.7	15.3	4.1	6.2	13.6	16.2	5.6	8.5	66.9	5.5
Betzes	.3	.5	48.2	8.5	3.3	1.8	2.2	1.2	3.4	5.1	3.3	3.9	1.8	2.7	62.5	5.1
Klages	.3	.5	15.5	2.7	--	--	10.3	5.5	2.0	3.0	2.9	3.4	--	--	31.0	2.5
Ingrid	25.7	39.8	--	--	--	--	--	--	.4	.6	2.6	3.1	--	--	28.7	2.4
Palliser	--	--	6.8	1.2	--	--	12.5	6.7	--	--	--	--	--	--	19.3	1.6
Hypana	--	--	.5	.1	14.3	7.8	2.1	1.3	--	--	1.7	2.0	.3	.5	18.9	1.5
Firlebeck III	--	--	15.7	2.8	--	--	--	--	--	--	2.4	2.9	--	--	18.1	1.5
Horsford	.2	.3	.5	.1	3.7	2.0	6.6	3.5	.8	1.2	--	--	--	--	11.8	1.0
Vanguard	--	--	4.1	.7	5.6	3.0	2.0	1.1	--	--	--	--	--	--	11.7	.9
Larker	--	--	--	--	11.3	6.2	--	--	--	--	--	--	--	--	11.3	.9
Karl	--	--	2.1	.4	--	--	2.2	1.2	2.6	3.9	.7	.8	--	--	7.6	.6
Freja	6.4	9.9	--	--	--	--	--	--	--	--	--	--	--	--	6.4	.5
Dekap	--	--	--	--	--	--	4.4	2.3	--	--	--	--	--	--	4.4	.4
Erbet	--	--	--	--	--	--	1.2	.6	--	--	1.8	2.1	--	--	3.0	.3
Bison	--	--	--	--	--	--	--	--	--	--	--	--	2.5	3.8	2.5	.2
Georgie	1.7	2.6	--	--	--	--	--	--	--	--	.3	.4	--	--	2.0	.2
Lud	.5	.8	--	--	--	--	--	--	--	--	.3	.4	--	--	.8	.1
Other	5.3	8.2	15.2	2.6	7.0	3.8	8.8	4.6	--	--	3.2	3.8	8.2	12.4	47.7	3.9
TOTAL	64.5	100.0	568.0	100.0	183.8	100.0	187.4	100.0	66.3	100.0	84.1	100.0	65.9	100.0	1,220.0	100.0

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1970 - 1977 AND SEEDED ACREAGE 1976 AND 1977

Varieties	PERCENT OF TOTAL SEEDED ACREAGE								SEEDED ACRES	
	1970 Pct.	1971 Pct.	1972 Pct.	1973 Pct.	1974 Pct.	1975 Pct.	1976 Pct.	1977 Pct.	1976 Acreage	1977 Acreage
Piroline	19.7	32.4	32.0	34.1	35.8	25.2	24.8	36.7	330,100	550,300
Hector	--	--	--	.2	9.1	11.2	14.3		136,500	213,900
Unitan	11.5	14.5	17.8	19.0	16.5	10.0	8.9	7.9	109,200	118,900
Klages	--	--	--	--	.2	.6	2.5	6.1	31,000	91,700
Shabet	--	.2	4.9	8.6	8.4	8.4	17.0	5.0	206,900	75,200
Steptoe	--	--	--	.6	6.8	11.0	9.0	4.7	109,700	69,900
Larker	2.5	1.3	2.1	1.7	.8	1.3	.9	3.7	11,300	54,900
Compana	15.7	11.5	11.8	9.5	8.0	13.3	5.5	3.0	66,900	45,200
Betzes	16.4	17.6	11.5	7.7	6.0	4.5	5.1	2.8	62,500	42,500
Hypana	17.7	6.9	3.8	3.6	2.9	1.5	1.5	2.6	18,900	39,000
Ingrid	1.6	2.4	2.1	2.3	2.1	2.5	2.4	2.5	28,700	38,000
Moravian 3	--	--	--	--	--	--	--	1.5	---	22,100
Dickson	.8	.8	1.1	.3	.2	.2	--	1.5	---	21,800
Firlbecks III	--	--	--	.4	.2	1.0	1.5	1.3	18,100	20,000
Karl	--	--	--	--	--	--	.6	.9	7,600	13,400
Palliser	3.6	3.9	3.1	3.7	2.4	2.0	1.6	.7	19,300	10,300
Horsford	.3	.3	.5	.4	.9	.9	1.0	.5	11,800	8,100
Vanguard	--	--	.3	1.2	2.7	2.1	.9	.5	11,700	7,000
Conquest	*	*	*	*	*	*	*	.4	---	5,800
Horn	.4	.2	.3	*	*	.1	*	.4	---	5,800
Other	9.8	8.0	8.7	6.9	5.9	6.3	5.6	3.0	39,800	46,200
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,220,000	1,500,000

1/ Preliminary.

* Less than 0.1 percent of total seeded acreage

BARLEY VARIETIES

S
630, 20112
A 7m
1978

1978 STATE DOCUMENTS COLLECTION



Economics, Statistics, and
Cooperatives Service-USDA
Montana Dept. of Agriculture
P.O. Box 4369-Helena, MT

Released: July 14, 1978

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930 E Lyndale Ave.
Helena, Montana 59601

Montana farmers and ranchers seeded 1.55 million acres of barley in 1978. The following breakdown showing major varieties seeded on those acres was obtained from a June survey of growers conducted by the Montana Crop and Livestock Reporting Service.

MALTING TYPE BARLEY VARIETIES: Three malting-type varieties accounted for nearly 48 percent of total acres seeded to barley. Piroline remained in the Number 1 over-all position, with 477,300 acres. Klages was the third most important overall, and second position malting variety with 192,900 acres. Shabot was the Number 3 malting variety, but with 68,400 acres it ranked seventh overall.

Piroline lost some ground to other varieties and occupied 31 percent of total acreage, but is still firmly entrenched in the Number 1 spot. Piroline is a two-row variety relatively strong strawed, with medium yield ability and good test weight.

Klages remains in the second position among malting varieties, with 12 percent of total acres. Klages is a two-row type with medium size kernels. It is a mid-tall, stiff-strawed variety.

Shabot is Number 3 among malting varieties and occupies 4 percent of seeded barley acres. Shabot is a two-row variety, with medium to high yielding ability. Test weight is good. Kernel size is small. Maturity and lodging resistance are medium. The variety has good shattering resistance.

Betzes was the fourth most important malting variety, with 3 percent of the State's barley acreage. Betzes is a mid-short, medium-strength straw, mid-season variety. It is susceptible to loose and covered smut, rust and scald.

FEED TYPE BARLEY VARIETIES: Hector continues to increase in popularity with growers and maintained its Number 1 position among feed varieties, with 15.6 percent of total barley acres seeded to this variety. Hector is a two-row barley, with high yield ability and test weight. Kernel size is medium to small. It is medium in maturity, with good lodging resistance.

Unitan continues to lose ground in relative importance with other varieties but is still the Number 2 feed barley, with 6.2 percent of all barley acres. Unitan is a six-row variety, with high-yielding ability but medium to low test weight. Kernel size and lodging resistance are both medium. Maturity is early. The variety is susceptible to stem rust and is low in protein.

Compana follows Unitan closely, occupying third spot with 6.0 percent of the seeded acres. Compana is a two-row variety with medium yield ability and test weight. Kernel size is large, with mid-season maturity. It has low lodging resistance and short plant height.

Steptoe acreage held slightly above last year's level but relative importance placed this variety in fourth position, with 5.0 percent of total acres. Steptoe is a six-row variety with very high yielding ability. Kernel size is large, maturity is early, and lodging resistance is good. Test weight is medium to low and protein content is low.

Information in this report is the result of an annual Statewide survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

Daniel L. Herbert,
State Statistician

Sidney W. Lebahm,
Agr. Statistician

MONTANA BARLEY VARIETIES: SOWNED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1978 PRELIMINARY

Variety	N. West		N. Central		N. East		Central		5. West		5. Central		5. East		5 STATE		
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	
Piroline	M	1.2	1.8	347.9	52.5	33.5	13.1	63.5	21.2	15.6	19.5	22.5	18.0	1.0	1.6	485.2	31.3
Hector		--	--	26.4	4.0	79.8	31.3	91.7	30.6	--	--	32.6	26.1	10.8	17.1	241.3	15.6
Klages	M	4.4	6.9	106.4	16.1	5.2	2.0	50.8	16.9	19.3	24.1	6.8	5.4	--	--	192.9	12.4
Unitan		7.8	12.0	6.7	1.0	21.3	8.4	9.4	3.1	6.0	7.5	21.2	17.0	23.1	36.7	95.5	6.2
Compana		3.7	5.7	23.1	3.5	9.5	3.7	36.8	12.3	3.1	3.9	16.3	13.0	--	--	92.5	6.0
Steptoe	M	1.0	1.5	5.5	.8	29.3	11.5	12.4	4.2	9.5	11.9	8.3	6.6	11.4	18.1	77.4	5.0
Shabot	M	--	--	65.6	9.9	--	--	2.8	.9	--	--	--	--	--	--	68.4	4.4
Hypana		--	--	7.4	1.1	13.6	5.3	18.3	6.1	8.6	10.7	--	--	--	--	47.9	3.1
Betzies	M	--	--	27.5	4.1	6.6	2.6	--	--	.1	.1	.4	.3	8.5	13.5	43.1	2.8
Larker		6.1	9.4	5.1	.8	28.2	11.1	--	--	--	--	--	--	--	--	39.4	2.5
Ingrid		23.0	35.4	--	--	--	--	--	--	2.0	2.5	4.0	3.2	--	--	29.0	1.9
Horsford		1.3	2.0	8.7	1.3	1.2	.5	5.5	1.8	4.0	5.0	.6	.5	--	--	21.3	1.4
Summit		2.2	3.4	4.4	.7	5.2	2.0	1.1	.4	2.7	3.4	--	--	--	--	15.6	1.0
Karl	M	3.2	4.9	5.8	.9	--	--	.7	.2	5.6	7.0	--	--	--	--	15.3	1.0
Vanguard		--	--	7.8	1.2	5.6	2.2	--	--	.8	1.0	.2	.2	--	--	14.4	.9
Palliser		--	--	--	--	6.8	2.7	.7	.2	--	--	--	--	--	--	7.5	.5
Firbeck III	M	--	--	5.5	.8	--	--	--	--	--	--	1.1	.9	--	--	6.6	.4
Moravian III	M	--	--	2.5	.4	--	--	--	--	--	--	1.5	1.2	--	--	4.0	.3
Freja		2.5	3.8	--	--	--	--	--	--	--	--	--	--	1.2	1.9	3.7	.2
Vireo		3.4	5.2	--	--	--	--	--	--	--	--	--	--	--	--	3.4	.2
Other		5.2	8.0	5.7	.9	9.2	3.6	6.3	2.1	2.7	3.4	9.5	7.6	7.0	11.1	45.6	2.9
TOTAL		65.0	100.0	662.0	100.0	255.0	100.0	300.0	100.0	80.0	100.0	125.0	100.0	63.0	100.0	1,550.0	100.0

M - Acceptable varieties of malting barley for 1978 in Montana according to Malting Barley Improvement Association.

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BARLEY VARIETIES

1979

Released: July 10, 1979



Economics, Statistics, and
Cooperatives Service-USDA

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Montana farmers and ranchers seeded 1.10 million acres of barley in 1979. The following breakdown showing major varieties seeded on those acres was obtained from a June survey of growers conducted by the Montana Crop and Livestock Reporting Service.

MALTING TYPE BARLEY VARIETIES: One half of the Montana total barley acreage in 1979 was seeded to approved malting types. Pioline, with 320,700 acres, remained the most popular variety in the State. Another important malting variety, Klages, occupied 152,800 acres keeping its third place over-all ranking. Shabet, with 57,500 acres was the third most important malting variety and moved up to fourth place over-all.

Pioline lost some ground to other varieties and now has 20 percent of the total acreage, still nearly double the second place variety. Pioline is a two-row variety relatively strong strawed, with medium yield ability and good test weight.

Klages remains in the second position among malting varieties, with 14 percent of total acres. Klages is a two-row type with medium size kernels. It is a mid-tall, stiff-strawed variety.

Shabet is Number 3 among malting varieties and occupies 5 percent of seeded barley acres. Shabet is a two-row variety, with medium to high yielding ability. Test weight is good. Kernel size is small. Maturity and lodging resistance are medium. The variety has good shattering resistance.

Betz was the fourth most important malting variety, with 3 percent of the State's barley acreage. Betz is a mid-short, medium-strength straw, mid-season variety. It is susceptible to loose and covered smut, rust and scald.

FEED TYPE BARLEY VARIETIES: Hector continues to increase in popularity with growers and maintained its Number 1 position among feed varieties, with nearly 17 percent of total barley acres seeded. Hector is a two-row barley, with high yield ability and test weight. Kernel size is medium to small. It is medium in maturity, with good lodging resistance.

Unitan continues to lose ground in relative importance with other varieties but is still the Number 2 feed barley, with 5 percent of all barley acres. Unitan is a six-row variety, with high-yielding ability but medium to low test weight. Kernel size and lodging resistance are both medium. Maturity is early. The variety is susceptible to stem rust and is low in protein.

Summit increased significantly this year and is now in third place with 4 percent of total seeded acres. Summit is a 2-row variety which is mid-tall and mid-season in maturity.

Steptoe acreage decreased from last year's level but relative importance placed this variety in fourth position, with less than 4 percent of total acres. Steptoe is a six-row variety with very high yielding ability. Kernel size is large, maturity is early, and lodging resistance is good. Test weight is medium to low and protein content is low.

Information in this report is the result of an annual Statewide survey of Montana barley growers who report acreages of various barley varieties seeded on their farms and ranches. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

Daniel L. Herbert,
State Statistician

Raymond C. Stack,
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U.S. DEPARTMENT OF AGRICULTURE
Montana Crop and Livestock Reporting Service
P.O. Box 4369
Helena, Mont. 59601

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MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1979 PRELIMINARY

VARIETY	N.WEST		N.CENTRAL		N.EAST		CENTRAL		S.WEST		S.CENTRAL		S.EAST		STATE		
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	
Piroline	M	.8	1.3	225.7	45.5	9.5	7.9	68.6	31.8	12.6	19.1	3.5	3.7	--	--	320.7	29.1
Hector	--	--	22.3	4.5	52.5	43.4	53.8	24.9	2.3	3.5	41.8	44.5	10.9	24.8	183.6	16.7	
Klages	M	4.5	7.1	104.9	21.1	--	--	28.0	13.0	8.0	12.1	7.4	7.9	--	--	152.8	13.9
Shabet	M	--	--	49.3	9.9	--	--	1.1	.5	5.8	8.8	1.3	1.4	--	--	57.5	5.2
Unitan		13.9	22.1	.3	.1	15.9	13.1	8.4	3.9	5.3	8.0	4.3	4.6	6.7	15.2	54.8	5.0
Summit	--	--	14.7	3.0	4.3	3.5	6.1	2.8	18.1	27.4	--	--	--	--	43.2	3.9	
Steptoe	--	--	--	--	11.8	9.8	3.0	1.4	.4	.6	10.4	11.0	13.8	31.4	39.4	3.6	
Compana	--	--	10.8	2.2	.4	.3	16.0	7.4	.5	.8	2.0	2.1	1.2	2.7	30.9	2.8	
Horsford	M	7.6	12.1	4.9	1.0	.2	.1	6.2	2.9	4.2	6.4	6.7	7.1	--	--	29.8	2.7
Betzes	--	--	19.4	3.9	2.3	1.9	1.6	.7	1.1	1.6	--	--	5.1	11.6	29.5	2.7	
Ingrid		21.9	34.8	--	--	--	--	--	.4	.6	2.6	2.8	--	--	--	24.9	2.3
Hypana	--	--	16.8	3.4	--	--	1.1	.5	.1	.1	.5	.5	--	--	--	18.5	1.7
Fairfield	--	--	8.1	1.6	--	--	10.1	.7	--	--	--	--	--	--	--	18.2	1.7
Larker	--	--	6.5	1.3	6.9	5.7	--	--	--	--	--	--	4.3	9.7	17.7	1.6	
Karl	M	2.3	3.6	--	--	--	--	.7	.3	4.6	7.0	--	--	--	--	7.6	.7
Vireo		6.2	9.8	--	--	--	--	--	--	--	--	--	--	--	--	6.2	.6
Vanguard	--	--	--	--	2.0	1.7	--	--	1.4	2.2	1.7	1.8	--	--	--	5.1	.4
Moravian III	M	--	--	3.0	.6	--	--	--	--	--	--	--	--	--	--	3.0	.3
Freja		2.1	3.4	--	--	--	--	--	--	--	--	--	--	--	--	2.1	.2
Other		3.7	5.9	9.3	1.9	15.2	12.6	11.3	5.2	1.2	1.8	11.8	12.6	2.0	4.5	54.5	4.9
TOTAL		63.0	100.0	496.0	100.0	121.0	100.0	216.0	100.0	66.0	100.0	94.0	100.0	44.0	100.0	1,100.0	100.0

M - Acceptable varieties of malting barley for 1979 in Montana according to Malting Barley Improvement Association.

MONTANA BARLEY VARIETIES: SEEEOE ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1978 REVISEO

Variety		N. West		N. Central		N. East		Central		S. West		S. Central		S. East		STATE	
		Acres (000)	Pct.														
Piroline	M	1.2	1.8	351.1	52.4	27.9	13.1	60.5	21.0	15.2	19.5	22.0	18.0	1.0	1.6	478.5	31.9
Hector	--	--	26.8	4.0	65.4	30.7	88.1	30.6	--	--	32.2	26.3	10.6	17.1	223.1	14.9	
Klages	M	4.6	6.9	107.9	16.1	4.3	2.0	48.7	16.9	18.8	24.1	6.6	5.4	--	--	190.5	12.7
Unitan		8.9	13.3	6.7	1.0	17.9	8.4	8.9	3.1	5.9	7.5	20.8	17.0	22.7	36.6	91.7	6.1
Compana		3.8	5.7	23.5	3.5	7.9	3.7	35.9	12.5	3.0	3.9	15.9	13.0	--	--	90.0	6.0
Steptoe		1.0	1.5	5.3	.8	24.5	11.5	12.1	4.2	9.3	11.9	8.1	6.6	11.9	19.2	72.2	4.8
Shabot	M	--	--	63.4	9.5	--	--	2.6	.9	--	--	--	--	--	--	66.0	4.4
Hypana	--	--	9.3	1.4	11.3	5.3	17.6	6.1	8.3	10.7	--	--	--	--	--	46.5	3.1
Betzes	M	--	--	27.5	4.1	5.5	2.6	--	--	.1	.1	.5	.3	8.4	13.6	42.0	2.8
Larker		6.3	9.4	7.6	1.1	23.6	11.1	--	--	--	--	--	--	--	--	37.5	2.5
Ingrid		23.2	34.8	--	--	--	--	--	--	2.0	2.5	3.9	3.2	--	--	30.0	2.0
Horsford		1.3	2.0	8.9	1.3	1.1	.5	5.2	1.8	3.9	5.0	.6	.5	--	--	21.0	1.4
Summit		2.3	3.4	4.6	.7	4.3	2.0	1.2	.4	2.6	3.4	--	--	--	--	15.0	1.0
Karl	M	3.3	4.9	5.6	.8	--	--	.6	.2	5.5	7.0	--	--	--	--	15.0	1.0
Vanguard	--	--	7.8	1.2	4.7	2.2	--	--	.8	1.0	.2	.2	--	--	--	13.5	.9
Palliser	--	--	--	--	6.9	3.3	.6	.2	--	--	--	--	--	--	--	7.5	.5
Firbeck III	M	--	--	4.9	.7	--	--	--	--	--	--	1.1	.9	--	--	6.0	.4
Moravian III	M	--	--	3.1	.5	--	--	--	--	--	--	1.4	1.2	--	--	4.5	.3
Freja		2.5	3.8	--	--	--	--	--	--	--	--	--	--	.5	.8	3.0	.2
Vireo		3.0	4.5	--	--	--	--	--	--	--	--	--	--	--	--	3.0	.2
Other		5.3	8.0	6.0	.9	7.7	3.6	6.0	2.1	2.6	3.4	9.0	7.4	6.9	11.1	43.5	2.9
TOTAL		66.7	100.0	670.0	100.0	213.0	100.0	288.0	100.0	78.0	100.0	122.3	100.0	62.0	100.0	1,500.0	100.0

M - Acceptable varieties of malting barley for 1978 in Montana according to Malting Barley Improvement Association.

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDEO ACREAGE 1972 - 1979 AND SEEDEO ACREAGE 1978 - 1979

VARIETIES	PERCENT OF TOTAL SEEDEO ACREAGE								SEEDEO ACRES	
	1972	1973	1974	1975	1976	1977	1978	1979	1978	1979 1/
	Percent								Acreage	
Piroline	32.0	34.1	35.8	25.2	24.8	37.8	31.9	29.1	478,500	320,700
Hector	--	--	.2	9.1	11.2	14.3	14.9	16.7	223,100	183,600
Klages	--	--	.2	.6	2.5	6.1	12.7	13.9	190,500	152,800
Shabet	4.9	8.6	8.4	8.4	17.0	5.0	4.4	5.2	66,000	57,500
Unitan	17.8	19.0	16.5	10.0	8.9	7.9	6.1	5.0	91,700	54,800
Summit	--	--	--	--	--	--	1.0	3.9	15,000	43,200
Steptoe	--	.6	6.8	11.0	9.0	4.7	4.8	3.6	72,200	39,400
Compana	11.8	9.5	8.0	13.3	5.5	3.0	6.0	2.8	90,000	30,900
Horsford	.5	.4	.9	.9	1.0	.5	1.4	2.7	21,000	29,800
Betzies	11.5	7.7	6.0	4.5	5.1	2.8	2.8	2.7	42,000	29,500
Ingrid	2.1	2.3	2.1	2.5	2.4	2.5	2.0	2.3	30,000	24,900
Hypana	3.8	3.6	2.9	1.5	1.5	2.6	3.1	1.7	46,500	18,500
Fairfield	--	--	--	--	--	--	--	--	---	18,200
Larker	2.1	1.7	.8	1.3	.9	3.7	2.5	1.6	37,500	17,700
Karl	--	--	--	--	.6	.9	1.0	.7	15,000	7,600
Vireo	--	--	--	--	--	--	.2	.6	3,000	6,200
Vanguard	.3	1.2	2.7	2.1	.9	.5	.9	.4	13,500	5,100
Moravian III	--	--	--	--	--	.4	.3	.3	4,500	3,000
Freja	--	--	--	--	--	--	.2	.2	3,000	2,100
Palliser	3.1	3.7	2.4	2.0	1.6	.7	.5	.1	7,500	1,000
Firibecck III	--	.4	.2	1.0	1.5	1.3	.4	.1	6,000	600
Other	10.1	7.2	6.1	6.6	5.6	5.3	2.9	4.7	43,500	52,900
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,500,000	1,100,000

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BARLEY VARIETIES

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Montana farmers and ranchers seeded 1.18 million acres of barley in 1980. The following breakdown showing major varieties seeded on those acres was obtained from a June survey of growers by the Montana Crop and Livestock Reporting Service.

MALTING TYPE BARLEY VARIETIES: Nearly one-half of the total Montana barley acreage in 1980 was seeded to recommended malting types. Piroline, with 349,500 acres, remained the most popular variety in the State. Klages, another important malting variety, occupied 122,000 acres--keeping its third place over all ranking. Shabet, with 67,800 acres was the third most important malting variety and was in fourth place overall.

Piroline gained slightly in acreage and now has 30 percent of the total planted barley acreage. Piroline is a two-row variety, relatively strong strawed, with medium yield ability and good test weight.

Klages, remains in second position among malting varieties, with 10 percent of the total acreage. Klages is a two-row type with medium size kernels. It is a mid-tall, stiff-strawed variety.

Shabet is third among malting varieties--6 percent of the total acreage. Shabet is a two-row variety, with medium to high yielding ability. Test weight is good, kernel size is small. Maturity and lodging resistance are medium. The variety has good shattering resistance.

Betzes was the fourth most important malting variety with about 2 percent of the total State acreage. Betzes is a mid-short, medium-strength straw, mid-season variety. It is susceptible to loose and covered smut, rust and scald.

FEED TYPE BARLEY VARIETIES: Hector continues to increase in acreage and still remains in first place among feed varieties, with over 20 percent of total barley acres seeded. Hector is a two-row barley, with high yield ability and test weight. Kernel size is medium to small. It is medium in maturity, with good lodging resistance.

Fairfield has climbed to second place among feed varieties, with 5 percent of the total acreage. Fairfield is a two-row, rough awned variety equal in yield and maturity to Shabet with more resistance to lodging and net blotch. It is susceptible to rust and smuts. It has not been accepted for malting.

Unitan slipped to third place among feed varieties from second last year and also has 5 percent of the total acreage. Unitan is a six-row variety, with high yielding ability, but medium to low test weight. Kernel size and lodging resistance are both medium. Maturity is early--the variety is susceptible to stem rust and is low in protein.

Compana was in fourth place with just over 3 percent of the total acres. Compana is a two-rowed, white seeded, semi-smooth-awned variety with drought resistance and medium sized seed.

Summit fell to fifth place from third last year--it occupies nearly 3 percent of the total barley seeded acreage. Summit is a two-row variety which is mid-tall and mid-season in maturity.

UNITED STATES DEPARTMENT OF AGRICULTURE
Montana Crop & Livestock Reporting Service
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MONTANA BARLEY VARIETIES: SEE BELOW ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1980 PRELIMINARY

VARIETY	N.WEST		N.CENTRAL		N.EAST		CENTRAL		S.WEST		S.CENTRAL		S.EAST		STATE		
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	
Piroline	M	.6	1.1	219.1	41.8	27.1	19.5	82.3	35.0	11.1	18.8	4.1	3.8	5.2	8.7	349.5	29.6
Hector		5.1	9.3	33.3	6.4	47.4	34.1	57.8	24.6	.4	.7	62.0	57.4	34.3	57.2	240.3	20.4
Klages	M	1.1	2.0	84.0	16.0	--	23.8	10.1	13.1	22.2	--	--	--	--	--	122.0	10.3
Shabet	M	--	--	55.2	10.5	5.0	3.6	1.1	.5	6.5	11.0	--	--	--	--	67.8	5.7
Fairfield		--	--	44.0	8.4	--	--	16.2	6.9	--	--	--	--	--	--	60.2	5.1
Unitan		7.8	14.2	9.8	1.9	11.5	8.3	6.6	2.8	7.9	13.4	9.4	8.7	5.9	9.8	58.9	5.0
Compana		.2	.4	16.4	3.1	3.4	2.5	9.8	4.2	1.4	2.4	7.1	6.5	--	--	38.3	3.2
Summit		--	--	9.8	1.9	4.9	3.5	2.8	1.2	13.2	22.4	2.4	2.2	1.3	2.2	34.4	2.9
Ingrid		22.2	40.3	--	--	--	--	1.7	.7	--	--	4.2	3.9	--	--	28.1	2.4
Steptoe		--	--	1.6	.3	4.6	3.3	4.9	2.1	2.0	3.4	8.6	8.0	3.1	5.2	24.8	2.1
Larker		--	--	7.5	1.4	11.0	7.9	1.3	.5	--	--	--	--	4.4	7.3	24.2	2.1
Betzies	M	--	--	8.6	1.7	5.9	4.2	5.8	2.5	--	--	--	--	--	--	20.3	1.7
Vireo		9.5	17.3	--	--	--	--	--	--	--	--	4.0	3.7	--	--	13.5	1.1
Hypana		--	--	2.0	.4	6.9	5.0	1.5	.6	--	--	--	--	1.7	2.8	12.1	1.0
Morex		--	--	10.6	2.0	1.1	.8	--	--	--	--	--	--	--	--	11.7	1.0
Horsford		.5	.9	2.6	.5	--	--	1.3	.6	1.5	2.4	1.7	1.6	.8	1.3	8.4	.7
Oekap		--	--	8.3	1.6	--	--	--	--	--	--	--	--	--	--	8.3	.7
Moravian III	M	.5	.9	7.5	1.4	--	--	--	--	--	--	--	--	--	--	8.0	.7
Purcell		4.9	8.9	--	--	--	--	2.4	1.0	--	--	--	--	--	--	7.3	.6
Horned		--	--	--	--	5.2	3.7	--	--	--	--	--	--	--	--	5.2	.4
Vanguard		--	--	--	--	2.1	1.5	--	--	1.1	1.9	--	--	--	--	3.2	.3
Stepford		--	--	2.2	.4	--	--	--	--	--	--	--	--	--	--	2.2	.2
Freja		1.9	3.4	--	--	--	--	--	--	--	--	--	--	--	--	1.9	.2
Palliser		--	--	--	--	--	--	.9	.4	--	--	--	--	--	--	.9	.1
Georgy		--	--	--	--	--	--	--	--	.7	1.2	--	--	--	--	.7	.1
Unknown barley		.7	1.3	1.5	.3	2.9	2.1	14.8	6.3	.1	.2	4.5	4.2	3.3	5.5	27.8	2.4
TOTAL		55.0	100.0	524.0	100.0	139.0	100.0	235.0	100.0	59.0	100.0	108.0	100.0	60.0	100.0	1180.0	100.0

M - Malting Barley Improvement Association recommended malting varieties for Montana.

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEEOEO ACREAGE 1973 - 1980 AND SEEEOEO ACREAGE 1979 - 1980

VARIETIES	PERCENT OF TOTAL SEEEOEO ACREAGE								SEEEOEO ACRES	
	1973	1974	1975	1976	1977	1978	1979	1980	1979	1980 1/
-----Percent-----										
Piroline	34.1	35.8	25.2	24.8	37.8	31.9	28.7	29.6	316,100	349,500
Hector	--	.2	9.1	11.2	14.3	14.9	17.5	20.4	192,800	240,200
Klages	--	.2	.6	2.5	6.1	12.7	13.6	10.3	149,400	122,000
Shabet	8.6	8.4	8.4	17.0	5.0	4.4	5.1	5.8	56,000	67,800
Fairfield	--	--	--	--	--	--	1.6	5.1	18,100	60,200
Unitan	19.0	16.5	10.0	8.9	7.9	6.1	5.1	5.0	55,900	58,800
Compana	9.5	8.0	13.3	5.5	3.0	6.0	2.8	3.2	30,900	38,200
Summit	--	--	--	--	--	1.0	4.0	2.9	43,500	34,400
Ingrid	2.3	2.1	2.5	2.4	2.5	2.0	2.0	2.4	22,100	28,200
Steptoe	.6	6.8	11.0	9.0	4.7	4.8	3.8	2.1	41,200	24,800
Larker	1.7	.8	1.3	.9	3.7	2.5	1.7	2.1	18,600	24,200
Betzes	7.7	6.0	4.5	5.1	2.8	2.8	2.6	1.7	29,200	20,400
Vireo	--	--	--	--	--	.2	.5	1.1	5,400	13,500
Hypana	3.6	2.9	1.5	1.5	2.6	3.1	1.6	1.0	18,100	12,100
Morex	--	--	--	--	--	--	.1	1.0	900	11,700
Horsford	.4	.9	.9	1.0	.5	1.4	2.6	.7	28,900	8,400
Oekap	--	--	--	--	--	--	--	.7	--	8,300
Moravian III	--	--	--	--	.4	.3	.3	.7	2,900	8,000
Purcell	--	--	--	--	--	--	--	.6	--	7,300
Vanguard	1.2	2.7	2.1	.9	.5	.9	.5	.3	5,500	3,200
Freja	--	--	--	--	--	.2	.2	.2	1,800	1,900
Other	11.3	8.7	9.6	9.3	8.2	4.8	5.7	3.1	62,700	36,900
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,100,000	1,180,000

1/ Preliminary.

This barley variety survey was funded by the National Malting Barley Improvement Association. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

Daniel L. Herbert
State Statistician

Raymond C Stack,
Agr. Statistician

MONTANA BARLEY VARIETIES: SEEEOO ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1979 REVISED

VARIETY	N.WEST		N.CENTRAL		N.EAST		CENTRAL		S.WEST		S.CENTRAL		S.EAST		STATE	
	Acres (000)	Pct.														
Piroline	M .7	1.3	218.7	45.5	11.1	7.8	69.5	31.8	12.6	19.1	3.5	3.7	--	--	316.1	28.7
Hector	-- --	--	21.6	4.5	61.6	43.4	54.5	24.9	2.3	3.5	42.1	44.5	10.7	24.8	192.8	17.5
Klages	M 3.9	7.1	101.6	21.0	--	--	28.4	13.0	8.0	12.1	7.5	7.9	--	--	149.4	13.6
Shabet	M --	--	47.8	10.0	--	--	1.1	.5	5.8	8.8	1.3	1.4	--	--	56.0	5.1
Unitan	12.2	22.2	.3	.1	18.7	13.2	8.5	3.9	5.3	8.0	4.3	4.6	6.6	15.3	55.9	5.1
Summit	-- --	--	14.2	3.0	5.0	3.5	6.2	2.8	18.1	27.4	--	--	--	--	43.5	4.0
Steptoe	-- --	--	--	--	13.8	9.7	3.0	1.4	.4	.6	10.5	11.1	13.5	31.3	41.2	3.8
Compana	-- --	--	10.5	2.2	.5	.4	16.2	7.4	.5	.8	2.0	2.1	1.2	2.8	30.9	2.8
Horsford	6.7	12.2	4.8	1.0	.2	.1	6.3	2.9	4.2	6.4	6.7	7.1	--	--	28.9	2.6
Betzes	M --	--	18.8	3.9	2.7	1.9	1.6	.7	1.1	1.7	--	--	5.0	11.6	29.2	2.6
Ingrid	19.1	34.7	--	--	--	--	--	--	.4	.6	2.6	2.7	--	--	22.1	2.0
Larker	-- --	--	6.3	1.3	8.1	5.7	--	--	--	--	--	--	4.2	9.8	18.6	1.7
Hypana	-- --	--	16.3	3.4	--	--	1.1	.5	.1	.1	.5	.5	--	--	18.0	1.6
Fairfield	-- --	--	7.8	1.6	--	--	10.2	4.7	--	--	--	--	--	--	18.0	1.6
Karl	M 2.0	3.6	--	--	--	--	.7	.3	4.6	7.0	--	--	--	--	7.3	.7
Virea	5.4	9.8	--	--	--	--	--	--	--	--	--	--	--	--	5.4	.5
Vanguard	-- --	--	--	--	2.4	1.7	--	--	1.4	2.1	1.7	1.8	--	--	5.5	.5
Moravian III	M --	--	2.9	.6	--	--	--	--	--	--	--	--	--	--	2.9	.3
Freja	1.8	3.3	--	--	--	--	--	--	--	--	--	--	--	--	1.8	.2
Other	3.2	5.8	9.0	1.9	17.8	12.6	11.5	5.2	1.2	1.8	11.9	12.6	1.9	4.4	56.5	5.1
TOTAL	55.0	100.0	480.6	100.0	141.9	100.0	218.8	100.0	66.0	100.0	94.6	100.0	43.1	100.0	1,100.0	100.0

M - Malting Barley Improvement Association recommended malting varieties for Montana.

BARLEY VARIETIES

6/20/20112

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1981

1981

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Released: July 10, 1981

Montana farmers and ranchers seeded 1.4 million acres of barley in 1981. A June survey of growers provided the following breakdown of barley varieties in Montana, according to the Montana Crop and Livestock Reporting Service.

MALTING TYPE BARLEY VARIETIES: Almost one-half of the total Montana barley acreage in 1981 was seeded to recommended malting types. Piroline, with 425,200 acres, remained the most popular variety in the State. Klages, another important malting variety, was seeded to 136,800 acres, and remained the third most popular overall variety. Shabet, at 68,000 acres is the third most popular malting variety and remained the fourth most popular overall variety to Montana farmers and ranchers.

Piroline acreage increased from last year and now accounts for 30 percent of the total barley acreage. Piroline is a two-row variety, relatively strong strawed, with medium yield ability and good test weight.

Klages, with nearly 10 percent of the total barley acreage is up slightly this year. Klages is a two-row type with medium size kernels. It is a mid-tall, stiff-strawed variety.

Shabet in fourth place overall accounted for 5 percent of the total barley acreage. Shabet is a two-row variety, with medium to high yielding ability. Test weight is good, kernel size is small. Maturity and lodging resistance are medium. The variety has good sheltering resistance.

Other malting varieties of significant acreages in Montana are Moravian III with 10,100 acres and Betzes with 2,800 acres. The acreage for Betzes is down considerably from last year.

FEED TYPE BARLEY VARIETIES: Hector continues to increase in popularity and acreage and still remains in first place among feed varieties, and second place overall. This variety accounted for almost 28 percent of the total barley seeded, up from last year. Hector is a two-row type, with high yield ability and test weight. Kernel size is medium to small. It is medium in maturity, with good lodging resistance.

Compana has climbed to second place among feed type varieties and fifth place overall with 46,300 acres seeded. Compana is a two-rowed, white seeded, semi-smoothed-awn variety with drought resistance and medium seized seed.

Unitan is again in third place among feed type barley varieties this year with 42,400 acres--3 percent of the total acreage. Unitan is a six-row variety, with high yielding ability, but medium to low test weight. Kernel size and lodging resistance are both medium. Maturity is early and this variety is susceptible to stem rust and is low in protein.

Ingrid climbed to fourth place among feed varieties with 40,700 acres--almost 3 percent of the total. Ingrid is a two-row late maturing variety. This variety is susceptible to loose and covered smuts, but resistant to net blotch.

UNITED STATES DEPARTMENT OF AGRICULTURE
Montana Crop & Livestock Reporting Service

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MONTANA BARLEY VARIETIES: SEEEOE ACREAGE AND PERCENT OF TOTAL -- 1981 PRELIMINARY

VARIETIES	N.WEST		N.CENTRAL		N.EAST		CENTRAL		S.WEST		S.CENTRAL		S.EAST		STATE		
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	
Piroline	M	--	--	308.5	50.6	11.9	7.4	58.8	17.8	24.0	32.0	12.6	14.9	9.4	15.7	425.2	30.4
Hector		9.8	12.3	49.7	8.1	95.7	59.8	171.8	52.1	.7	.9	25.1	29.5	36.7	61.2	389.5	27.8
Klages	M	.3	.4	110.8	18.2	17.6	11.0	2.7	.8	.5	.7	4.9	5.8	--	--	136.8	9.8
Shabets	M	--	--	36.7	6.0	.1	.1	24.2	7.3	7.0	9.3	--	--	--	--	68.0	4.8
Compana		--	--	6.4	1.0	1.7	1.1	18.1	5.5	--	--	20.1	23.7	--	--	46.3	3.3
Unitan		2.5	3.1	--	--	6.8	4.3	4.4	1.3	14.8	19.7	7.0	8.2	6.9	11.5	42.4	3.0
Ingrid		38.2	47.7	--	--	--	--	--	--	--	--	2.5	2.9	--	--	40.7	2.9
Morex		--	--	29.2	4.8	--	--	2.4	.7	3.1	4.1	--	--	--	--	34.7	2.5
Fairfield		--	--	23.8	3.9	--	--	9.6	2.9	--	--	--	--	--	--	33.4	2.4
Larker		--	--	15.7	2.6	14.3	8.9	.1	.1	--	--	--	--	--	--	30.1	2.1
Summit		7.2	9.0	4.3	.7	--	--	5.5	1.7	4.7	6.3	.2	.2	.2	.3	22.1	1.6
Steetoe		--	--	--	--	2.2	1.4	6.9	2.1	2.6	3.5	2.7	3.2	6.2	10.3	20.6	1.5
Horsford		1.3	1.6	2.6	.4	3.4	2.1	4.4	1.3	3.5	4.7	1.6	1.9	--	--	16.8	1.2
Stepford		--	--	1.6	.3	--	--	--	--	14.0	18.7	--	--	--	--	15.6	1.1
Moravian 111	M	--	--	9.2	1.5	--	--	--	--	--	--	.9	1.0	--	--	10.1	.7
Vireo		7.1	8.9	--	--	--	--	--	--	--	--	2.1	2.5	--	--	9.2	.7
Purcell		6.6	8.3	1.3	.2	--	--	--	--	--	--	--	--	--	--	7.9	.6
Freja		2.6	3.2	--	--	--	--	--	--	--	--	3.6	4.2	--	--	6.2	.4
Hypana		--	--	2.9	.5	1.5	.9	--	--	--	--	.9	1.1	--	--	5.3	.4
Betzies	M	--	--	1.7	.3	.5	.3	.6	.2	--	--	--	--	--	--	2.8	.2
Gregory		1.0	1.3	--	--	--	--	--	--	--	--	--	--	--	--	1.0	.1
Other		3.4	4.2	5.6	.9	4.3	2.7	20.5	6.2	.1	.1	.8	.9	.6	1.0	35.3	2.5
STATE		80.0	100.0	610.0	100.0	160.0	100.0	330.0	100.0	75.0	100.0	85.0	100.0	60.0	100.0	1,400.0	100.0

M - Malting Barley Improvement Association recommended malting varieties for Montana.

MONTANA BARLEY VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS -- 1980 REVISED

VARIETY	N.WEST		N.CENTRAL		N.EAST		CENTRAL		S.WEST		S.CENTRAL		S.EAST		STATE	
	Acres (000)	Pct.														
Piroline M	.6	1.0	204.0	41.9	24.4	19.5	94.5	35.0	14.1	18.8	4.4	3.8	4.3	8.7	346.3	29.3
Hector	5.4	9.3	31.2	6.4	42.6	34.1	66.4	24.6	.5	.7	66.0	57.4	28.0	57.2	240.1	20.3
Klages M	1.2	2.1	78.1	16.0	--	--	27.3	10.1	16.6	22.1	--	--	--	--	123.2	10.4
Shabot M	--	--	51.2	10.5	4.5	3.6	1.4	.5	8.2	10.9	--	--	--	--	65.3	5.5
Fairfield	--	--	41.0	8.4	--	--	18.6	6.9	--	--	--	--	--	--	59.6	5.1
Unitan	8.2	14.1	9.3	1.9	10.4	8.3	7.6	2.8	10.1	13.4	10.0	8.7	4.8	9.8	60.4	5.1
Compana	.2	.4	15.1	3.1	3.1	2.5	11.3	4.2	1.8	2.4	7.5	6.5	--	--	39.0	3.3
Summit	--	--	9.3	1.9	4.4	3.5	3.2	1.2	16.8	22.4	2.5	2.2	1.1	2.3	37.3	3.2
Ingrid	23.4	40.3	--	--	--	--	1.9	.7	--	--	4.5	3.9	--	--	29.8	2.5
Steptoe	--	--	1.5	.3	4.1	3.3	5.7	2.1	2.6	3.5	9.2	8.0	2.5	5.1	25.6	2.2
Larker	--	--	6.8	1.4	9.9	7.9	1.4	.5	--	--	--	--	3.6	7.4	21.7	1.8
Betzies M	--	--	8.3	1.7	5.3	4.2	6.7	2.5	--	--	--	--	--	--	20.3	1.7
Vireo	10.0	17.2	--	--	--	--	--	--	--	4.3	3.7	--	--	--	14.3	1.2
Hypana	--	--	2.0	.4	6.2	5.0	1.6	.6	--	--	--	--	1.4	2.8	11.2	1.0
Morex	--	--	9.7	2.0	1.0	.8	--	--	--	--	--	--	--	--	10.7	.9
Horsford	.5	.9	2.4	.5	--	--	1.6	.6	1.8	2.4	1.8	1.6	.6	1.2	8.7	.7
Oekap	--	--	7.8	1.6	--	--	--	--	--	--	--	--	--	--	7.8	.7
Moravian III M	.5	.9	6.8	1.4	--	--	--	--	--	--	--	--	--	--	7.3	.6
Purcell	5.2	9.0	--	--	--	--	2.7	1.0	--	--	--	--	--	--	-7.9	.7
Horned	--	--	--	--	4.6	3.7	--	--	--	--	--	--	--	--	4.6	.4
Vanguard	--	--	--	--	1.9	1.5	--	--	1.4	1.9	--	--	--	--	3.3	.3
Stepford	--	--	2.0	.4	--	--	--	--	--	--	--	--	--	--	2.0	.2
Freja	2.0	3.4	--	--	--	--	--	--	--	--	--	--	--	--	2.0	.2
Palliser	--	--	--	--	--	--	1.1	.4	--	--	--	--	--	--	1.1	.1
Georgy	--	--	--	--	--	--	--	--	.9	1.2	--	--	--	--	.9	.1
Unknown barley	.8	1.4	1.5	.3	2.6	2.1	17.0	6.3	.2	.3	4.8	4.2	2.7	5.5	29.6	2.5
TOTAL	58.0	100.0	488.0	100.0	125.0	100.0	270.0	100.0	75.0	100.0	115.0	100.0	49.0	100.0	1180.0	100.0

M - Malting Barley Improvement Association recommended malting varieties for Montana.

MONTANA BARLEY VARIETIES: PERCENT OF TOTAL SEEDEO ACREAGE 1974 - 1981 AND SEEDEO ACREAGE 1980 - 1981

VARIETIES	PERCENT OF TOTAL SEEDEO ACREAGE								SEEDEO ACRES		
	1974	1975	1976	1977	1978	1979	1980	1981	1980	1981	1/
	Percent								(000)		
Pioline	35.8	25.2	24.8	37.8	31.9	28.7	29.3	30.4	346.3	425.2	
Hector	.2	9.1	11.2	14.3	14.9	17.5	20.3	27.8	240.1	389.5	
Klages	.2	.6	2.5	6.1	12.7	13.6	10.4	9.8	123.2	136.8	
Shabet	8.4	8.4	17.0	5.0	4.4	5.1	5.5	4.8	65.3	68.0	
Compana	8.0	13.3	5.5	3.0	6.0	2.8	3.3	3.3	39.0	46.3	
Unitan	16.5	10.0	8.9	7.9	6.1	5.1	5.1	3.0	60.4	42.4	
Ingrid	2.1	2.5	2.4	2.5	2.0	2.0	2.5	2.9	29.8	40.7	
Morex	--	--	--	--	--	.1	.9	2.5	10.7	34.7	
Fairfield	--	--	--	--	--	1.6	5.1	2.4	59.6	33.4	
Larker	.8	1.3	.9	3.7	2.5	1.7	1.8	2.1	21.7	30.1	
Summit	--	--	--	--	1.0	4.0	3.2	1.6	37.3	22.1	
Steptoe	6.8	11.0	9.0	4.7	4.8	3.8	2.2	1.5	25.6	20.6	
Horsford	.9	.9	1.0	.5	1.4	2.6	.7	1.2	8.7	16.8	
Stepford	--	--	--	--	--	.2	.2	1.1	2.0	15.6	
Moravian III	--	--	--	.4	.3	.3	.6	.7	7.3	10.1	
Vireo	--	--	--	--	.2	.5	1.2	.7	14.3	9.2	
Purcell	--	--	--	--	--	--	.7	.6	7.9	7.9	
Freja	--	--	--	--	.2	.2	.2	.4	2.0	6.2	
Hypana	2.9	1.5	1.5	2.6	3.1	1.6	1.0	.4	11.2	5.3	
Betzes	6.0	4.5	5.1	2.8	2.8	2.6	1.7	.2	20.3	2.8	
Other	11.4	11.7	10.2	8.7	5.7	6.0	4.1	2.6	47.3	36.3	
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1180.0	1400.0	

1/ Preliminary.

This barley variety survey was funded by the National Malting Barley Improvement Association. Statements concerning variety characteristics are primarily derived from information published by Montana State University.

Daniel L. Herbert
State Statistician

Jerry G. Thorson
Agr. Statistician